AGREED
Chairman of the EMC, Vice-Rector of AA.
_____Mustafina A.K.
«14» 03 2023

APPROVED
Chairman of the Board, Rector
JSC "International IT University"
_____Khikmetov A.K.
«30» 03 2023

EDUCATIONAL PROGRAM

7M04101 - «Project Management»
(code and name of the educational program)

Code and classification of the field of education: 7M04 Business, Management and Law

Code and classification of areas of training: 7M041 Business and management

Group of educational programs: M072 Management and Management

ISCED Level: 7

NQF Level: 7

LEVEL by ORC 7

Duration of study: 2 years

Loan volume: 120 credits ECTS

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Almaty, 2023

The educational program "Project Management" is the main academic document of the university for training personnel in the field of project management for the 7th level of qualification (master, practical experience).

This educational program was discussed and approved at the meeting of the department "___ dated "___"No_____

This educational program was considered and approved at the meeting of the University's CS from "___" __No_____

CONTENT

LIST OF ABBREVIATIONS AND SYMBOLS

IN	Higher education
GOSO	State compulsory standard of education
ECR	European Qualification Framework
ZUN	Knowledge, skills, abilities
NCZ	National Classifier of Occupations
NRK	National Qualifications Framework
NSC	National Qualifications System
LTD	General education discipline
DATA-BASE	Basic discipline
PD	Major discipline
OP	Educational program
ORC	Industry Qualifications Framework
PS	Professional standard
DEFENSE	Postgraduate education
OK	General Competencies
PC	Professional competencies
RK	Kazakhstan
RHO	Learning Outcome
QMS	Quality Management System

1. DESCRIPTION OF THE EDUCATIONAL PROGRAM

This educational program "Project Management" is developed on the basis of the main regulatory documents that determine the content of training in the specialty 6M051800-Project Management:

- "On approval of state compulsory standards of education at all levels of education" Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604.
- "On Approval of the Model Rules for the Activities of Educational Organizations of the Relevant Types and Types" Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595.
- Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education" (as amended and supplemented as of 03.05.2022);
- "On Approval of the Rules for the Organization of the Educational Process on Credit Learning Technology" Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152.

The program is designed to implement the principles of the democratic nature of education management, expanding the boundaries of academic freedom and the powers of educational institutions, which will ensure the training of elite, highly motivated personnel for innovative and knowledge-intensive sectors of the economy.

The educational program ensures the application of an individual approach to students, ensures the transformation of professional competencies from professional standards and qualification standards to learning outcomes. Student-centered learning is provided - the principle of education, which involves a shift in emphasis in the educational process from teaching (as the main role of the teaching staff in the "translation" of knowledge) to teaching (as an active educational activity of the student);

On the basis of this educational program, the educational organization develops working curricula and programs using appropriate methodological recommendations for working educational and methodological documentation.

The educational program "Project Management" was developed on the basis of an analysis of the labor functions of professional standards in the field of project management for the 7th level of qualification (master, practical experience). The developed educational program "Project Management" meets the needs of stakeholders (students, employers, the state) and external qualification requirements.

Experts in the field of project management participated in the development of the educational program.

2. GOALS AND OBJECTIVES OF THE EDUCATIONAL PROGRAM

The purpose of the OP is to train highly qualified specialists with knowledge of technical skills in project management, programs and project portfolio, strategic management and business management skills, as well as leadership skills (according to the PMI talent triangle) who are able to professionally solve problems at all stages of project, program or project portfolio implementation in organizations of any field of activity.

Tasks:

1. obtaining a full-fledged, high-quality profile and scientific-pedagogical education, professional competence in the field of economics, management and organization of production;
2. The acquisition of a high general intellectual level of development through the teaching of acycle of basic disciplines, the study of English, teaching in English of individual disciplines, providing the opportunity to reveal personal qualities and creative opportunities through modern educational teaching technologies.
3. competitiveness of masters in the labor market, providing an opportunity for the fastest possible employment in the specialty;

4. Organization of a set of fundamental knowledge in general theoretical, economic and managerial disciplines to understand the relationship between theoretical and empirical data on the study of the cycle of basic disciplines.
5. And learning the key theoretical aspects of project management in general, theoretical and practical aspects of management at the poppy, meso- and micro levels for the ability to carry out managerial work, solve issues of an economic and social nature, be able to analyze the experience of foreign countries and use it in the conditions of Kazakhstan on the basis of studying the cycle of major disciplines.

3. PASSPORT EDUCATIONAL PROGRAM «PROJECT MANAGEMENT»

3.1.General Information

№	Название поля	Примечание
1	Code and classification of the field of education	7M04 Business, Management and Law
2	Code and classification of areas of training	7M041 Business and Management
3	Group of educational programs	M072 Management and Management
4	Name of the educational program	Project management
5	Brief description of the educational program	The educational program "Project Management" was developed on the basis of an analysis of the labor functions of professional standards in the field of project management for the 7th level of qualification (master, practical experience).
6	Purpose of the OP	Training of highly qualified specialists with knowledge of technical skills in project management, programs and project portfolio, strategic management and business management skills, as well as leadership skills (according to the PMI talent triangle), able to professionally solve problems at all stages of project, program or project portfolio implementation in organizations of any field of activity.
7	ISCED level	7
8	NQF Level	7
9	Level in ORC	7
10	The list of competencies of the educational program: • Ability to discover and systematize knowledge, mastery of interpersonal skills and the ability to communicate in English • Ability to assess the environmental factors of companies, possession of financial analysis skills and tools for building a company development strategy • Ability to manage projects, projects, project portfolio, as well as analyze international experience • Ability to analyze investments and manage the cost, timing, quality and risks of the project • Mastery of tools and methods, information systems of the project and development of the project team.	
11	Learning outcomes of the educational program: PO1: To be able to discover new and systematize existing knowledge, be able to conduct business negotiations, possess interpersonal communication skills; be able to read, write, speak and understand business English.	

	PO2: To be able to assess the factors of the internal and external environment of companies and projects, to master the skills of financial analysis of companies and projects, to draw up strategies for the development of a company through projects. PO3: Know the basics of project, program and portfolio management; own tools and methods of project management; be able to maintain project documentation; be able to conduct market research. PO4: Know the basics of project integration and be able to manage project content; be able to draw up a project plan; possess the skills of project investment analysis; be able to manage the cost and procurement of the project, be able to manage the quality and risks of the project. PO5: Possess the skills of managing and developing the project team; be able to manage stakeholders; be able to use information technologies for project management; have a flexible approach to project management. PO6: Receive the necessary information from all sources, including information flows, in real time, including in a foreign language. Conduct a comprehensive analysis of the results of research work using modern achievements in science and technology, the skills of independent collection, research, analysis and generalization of data. PO7: Possess the skills of self-organization, self-education, leadership and motivation of others; work in a team, tolerantly perceiving social, ethnic, confessional and cultural differences; be able to conduct negotiations, discussions and other types of communication. PO8: Own the ability to conduct marketing research in the market of high-tech goods; have the ability to model and determine the stages of the life cycle of innovation according to economic and financial criteria.	
12	Form of training	Full-time
13	Languages of instruction	Russian/English
14	Volume of loans	120 ECTS
15	Academic degree awarded	Master of Science in Project Management under the Educational Program "Project Management"
16	Developer(s) and authors:	1. Shildibekov E.Zh., PhD, Head of the Department of Economics and Business of JSC "International IT University" 2. Omar A.D. MSc in Techniques and Technologies, senior-lecturer of the Department of Economics and Business, JSC "International IT University"

3.2. Matrix of correlation of learning outcomes of the educational program with the formed competencies

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
OK 1	+							
OK 2	+						+	
OK 3	+							
OK 4	+						+	
OK 5	+					+		

ОК 6	+						+	
БК 1		+						
БК 2			+					+
БК 3		+		+				+
БК 4			+	+		+		
БК 5			+		+		+	
БК 6						+		
ПК 1		+						
ПК 2			+					+
ПК 3				+				+
ПК 4		+		+				
ПК 5		+			+			
ПК 6					+	+	+	
ПК 7		+	+					
ПК 8				+	+			

Notes * *Tick the box*
* *Competencies are shown in the following tables*

Competencies

Codes	Competencies
ОК 1	formation of ideological and civic position, observance of ethical, spiritual and environmental values.
ОК 2	the ability to self-organization and self-education, leadership and motivation of others, management of others.
ОК 3	ability to communicate orally and in writing in a foreign languages to solve the problems of interpersonal and intercultural interaction
ОК 4	the ability to work in a team, tolerant of social, ethnic, religious and cultural differences, negotiation, discussion and other types of communication.
ОК 5	the ability to present (publish) the result of scientific research in competition or in a printed publication, including in a foreign language
ОК6	willingness to lead the team in the field of their professional activities, tolerantly perceiving social, ethnic, confessional and cultural differences
БК 1	ability to solve typical organizational and managerial problems by mathematical, statistical and quantitative methods
БК 2	ability to conduct marketing research in the market of high-tech goods
БК 3	the ability to model and identify the stages of the innovation life cycle according to economic and financial criteria
БК 4	the ability to use standard methodological materials for the calculation of socio-economic indicators
БК 5	the ability to organize joint work of various departments of the organization, such as IT and management based on project management standards
БК 6	the ability to draw up a budget for the creation and launch of high-tech products, monitor its implementation and adjust it
ПК 1	It is possible to assess the environmental factors of companies, possession of financial analysis skills and tools for building a company's development strategy
ПК 2	In tune with tools and methods, information systems of the project and development of the project team
ПК 3	Analyze investments and manage project cost, timing, quality and risk

ПК 4	the ability to apply the skills of economic analysis of the production, economic, financial activities of the enterprise; the ability to correctly evaluate the project and effectively manage costs;
ПК 5	ability to manage the project qualitatively and reasonably assess and manage the risks of the project
ПК 6	With the ability to discover and systematize knowledge, possession of interpersonal skills and the ability to communicate in English, to be able to manage people and their actions, taking into account their capabilities, abilities and motivations
ПК 7	In the ability to manage projects, projects, project portfolios, as well as analyze international experience
ПК 8	Itis possible to formulate and implement IT infrastructure components that ensure the achievement of strategic goals and project support

3.3 Information about disciplines (*if there are modules, it is necessary to highlight them*)

№	Name of discipline	Brief description of the discipline (30-50 words)	Number of credits	Formed competencies (codes)	Prerequisites	Post-requisitions
		Cycle of basic disciplines University component				
1	History and Philosophy of Science	The purpose of the discipline is to develop skills in working with scientific literature; logical, systematic and critical thinking skills. The discipline will study: the main stages of the development of science; history and philosophy of science for the formation of a conscious attitude towards the environment and history, the basic principles of scientific research activities.	4	OK1		Methodology of scientific research
2	Pedagogy of Higher Education	The goals of mastering the discipline "Pedagogy of Higher School" are to provide knowledge about the management of the educational process for teaching in higher school, to give an idea of the main categories of pedagogy, the place, role and significance of higher school pedagogy in the system of human sciences and in the practical activities of a teacher, to form understanding of the basic principles of modern ped-	4	OK2		

		agogy and methodological approaches to solving pedagogical problems of higher education.				
3	Foreign language	This course is a mandatory component of the program offered to first-year master's students. This is a practical, one-semester, 2-credit course that tailors the English program to the professional/research needs of undergraduates. As part of the course, master's students will work on an individual project and a research portfolio. By the end of the course, master's students must organize and submit a portfolio of their research.	4	ОК3	Foreign language at the bachelor's degree	Business English
4	Management Psychology	The purpose of the course is a fundamental study of modern interpretations of the subject and the main categories of psychological science; work with psychological control mechanisms and patterns of interpersonal interaction in professional settings; substantiation of the relevance of psychological knowledge in solving practical issues in human life; development of systematic, creative thinking of the future specialist, research culture and the need for continuous self-education and self-development.	4	ОК4	Psychology	Management Marketing
5	Pedagogical practice	Educational practice is carried out with the aim of students acquiring professional work skills, deepening and consolidating knowledge and competencies in project management.	4	ОК6		
		Cycle of basic disciplines Optional component				
6	Economics for Managers	The goal of the discipline is to form a clear relationship between the conclusions of economic theory and real market practice. This course examines the main sections of modern economic theory necessary for	5	БК3		Financial Management, Marketing Management

		a manager. Methods for solving economic problems in market conditions are considered.				
7	Financial Project Management	This course examines basic financial concepts in business and project, financial statement data and how these statements influence each other, the use of budgets and estimates for planning and cost control, indicators of project success, earned value analysis and forecasting. The course also helps you gain the necessary project and financial management skills to confidently motivate, communicate, make real-time decisions, and drive business results that support the strategic goals of your team or organization.	5	БК6		
8	Advanced Financial Management	This course covers a wide range of financial topics, including working with financial statements, estimating future cash flows, valuing bonds and stocks, estimating risk and return, and evaluating capital budgeting decisions. The course is intended primarily for professionals intending to work in various industries who will encounter difficulties in making financial decisions.	5	БК4, БК6		
9	Marketing management	The goal of the discipline is to form a comprehensive understanding of company management based on marketing principles, reflecting the relationship between strategic and tactical marketing decisions and assessing the impact of these decisions on business performance. The course studies the theoretical foundations and categorical-conceptual apparatus of marketing management, as well as mastering practical skills in applying the elements and principles of marketing management in the activities of firms and companies.	5	БК1, БК2, БК5	Economics for Managers	Financial Management

10	Business process management	This course explores the basic principles, standards, technologies and methodologies of business process modeling; methods for describing business processes are considered. The course consists of theoretical and practical parts. The practical part involves completing tasks on analyzing and modeling business processes. Students also perform independent work on certain topics.	5	БК1		
11	Innovation Management and Startups	Methods and tools for analyzing and assessing the effectiveness of various types of innovations and methods for their implementation, based on investment analysis; Methods of financial assessments comparing the costs of new technical solutions with their effectiveness; Methods for constructing a strategy for managing innovations and startups, taking into account an audit of the company's digital infrastructure in order to assess opportunities	5	БК2		
Cycle of profiling disciplines University component						
12	Methodology of scientific research	The purpose of mastering the discipline "Methodology of Scientific Research" is to study the basic principles of scientific research and scientific knowledge, its place in social organization, its functions and features in modern conditions, in particular in application to computer science, and familiarization with ways of writing the main types of scientific research: scientific report at a seminar, conference, international conference, article in a scientific journal, international journal, master's and doctoral dissertations.	5	ОК5	History and Philosophy of Science	

13	Theory and practice of project management	The main objective of this course is to explore modern methodologies, principles and tools needed to define and manage projects in complex environments, understand the role of projects in organizational change and innovation, and gain a deep understanding of the phases and activities of the project life cycle. , deep understanding of stakeholder concepts, project deliverables versus project deliverables, business case, work breakdown structure, planning and organization, project management, risk, scope creep and change.	5	ПК7		Project Management Tools and Techniques, Program and Project Portfolio Management
14	Project cost and procurement management	This course explores the techniques and knowledge of the basic principles of project costing and budgeting, including an in-depth discussion of contract and procurement management. This course provides guidance on effectively managing the financial aspect of a project, including evaluating and selecting the right mix of projects using financial feasibility, tools for estimating and budgeting projects, earned value methods for monitoring financial performance of projects, and financial reporting structures for general management.	5	ПК3 ПК4		
15	Managing stakeholders and project integration	The goal of the discipline is to identify the people, groups, or organizations that can affect or be affected by a project, before moving on to analyze stakeholder expectations and develop appropriate management strategies to engage stakeholders. The course also focuses on integration management, including initiation, planning, implementation, handover and review throughout the project life cycle.	5	ПК6		
16	Project scope and schedule management	The purpose of the discipline is to plan the project, estimate the	5	ПК3		

		scope and schedule of the project. This course covers planning and estimating project scope, resources and schedule; preparing a scope baseline, including a requirements traceability matrix; description of the content and structure of the work; preparing a schedule baseline, estimating activity durations, and developing a project schedule.				
17	Project communications and resource management	The goal of the discipline is to develop strategic thinking about communication and improve writing, presentation and interpersonal skills as a future manager. The course consists of three main topics: planning, writing and presentation. Emphasis is placed on influencing actions in the workplace through more effective leadership through well-organized and successfully executed business communication strategies.	5	ПК6 ПК8		
18	Project quality and risk management	The objective of the course is to study risk management, starting with risk management planning, identifying and quantifying risks, preparing risk response strategies and monitoring risk factors. In addition, the course examines project quality through the use of project quality tools and quality management planning. This study includes applicable quality concepts that help in planning, managing and controlling processes.	5	ПК5		
Cycle of profiling disciplines University Component/ Elective Component						
19	International Project Management Standards	The main methods of project planning are given. Methods for managing the content, deadlines, communications, and stakeholders of the project are considered. The integration and procurement management processes of the project are also presented.	5	ПК7	Theory and practice of project management	

20	Program and Portfolio Management	This discipline allows you to increase the manageability and attractiveness of projects and the portfolio as a whole by changing the parameters of projects included in the programs and portfolio, for which it is necessary to develop management recommendations for the transformation of projects. Teaches methods for ensuring a stable and effective project management mechanism. Makes recommendations for developing organizational charts and management systems to meet the constantly changing needs of projects or finding ways to consolidate the knowledge gained by employees during the implementation of various projects	5	ПК7	Theory and practice of project management	
21	Information Technologies in Project Management	The course covers: Professional application software for project management information support, interface and setup of the MsProject environment, creating a project structure, determining project duration, maintaining a list of project resources, assigning resources to tasks, saving baselines, tracking a project, analyzing project data and issuing reports . Most of the time, classes in the discipline are conducted in the form of training on using the MsProject software system while working on end-to-end and individual projects in the MsProject environment.	5	ПК8	Theory and practice of project management	
22	Project management tools and techniques	The course is devoted to the study of the theoretical and methodological foundations of quantitative methods of information analysis in the business environment, the methodology for applying these methods to make specific management decisions in a market economy. Training takes place in the	5	ПК2	Theory and practice of project management	

		form of lectures and practical classes, using presentation materials, problem solving, analysis of case studies, as well as independent research work by undergraduates with methodological consultations from the teacher.				
23	Research Practice	Research practice consists of practical testing of methods for scientific analysis of organizational structures and systems in order to obtain sound management information for design, development and management decision-making.	8			
24	Master's student's research work, including internship and master's thesis	The course helps masters master methods for conducting all stages of research work - from setting a research problem to preparing articles, designing, and developing a management solution.	24			
25	Preparation and defense of a master's thesis	The course examines the master's thesis completed by a master's student independently, the preparation and defense of the dissertation in accordance with the internal requirements of the university.	8			
Additional types of training (FEB) Optional component						
	Elective Discipline -					
	Additional Educational Programs					

3.4 List of modules and learning outcomes

Name of the educational program: Project management
Qualification: Management and Management

Module code	Module name	Labor intensity of the module in loans	Outcomes Training	Criteria for assessing learning outcomes	Disciplines that form the module Code / Name
	BASE MODULES				
BM7701	Module Social Disciplines	24	PO1 PO6 PO7	Knowledge of histories and philosophies of science. The ability to discover new and/or systematize existing knowledge. Ability to conduct business negotiations. Possession of interpersonal communication skills. Ability to read, write, speak and understand business English	History and Philosophy of Science Foreign language (professional) Pedagogy of Higher Education Management Psychology Research Methodology Pedagogical practice
BM7702	Basics of Economics and Business	15	PO2 PO4 PO8	Ability to assess factors of the internal and external environment of companies and projects. Possession of skills in financial analysis of companies and projects. Ability to build a company development strategy through projects.	Economics for Managers Advanced Financial Management Financial project management Marketing management Business process management Innovation Management and Startups
	PROFESSIONAL MODULE				
PM7701	Fundamentals of Project Management	10	PO3 PO4	Study of standards applied in international project management practice. Teaches methods for ensuring a stable and effective project management mechanism. Project management skills.	International Management Standards Projects Program and Portfolio Management Projects Theory and practice of project management
PM7702	Project Planning Basics	20	PO2 PO3 PO4 PO5	Study of project planning methods, methods of managing content, deadlines, communications, project stakeholders.	Project cost and procurement management Project quality and risk management

					Project communications and resource management
					Project scope and schedule management
					Managing stakeholders and project integration
PM7703	Project resource management	5	PO3 PO5	Professional application software for information support of project management, interface and configuration of the MsProject environment, creation of a project structure, determination of the project duration.	Information Technologies in Project Management
					Project management tools and techniques
PM7706	Research practice	10	PO1 PO6	The ability to practically test methods of scientific analysis of organizational structures and systems in order to obtain sound management information for design, development and management decision-making.	Research practice
PM7707	Master's student's research work, including internship and master's thesis	36	PO1 PO6	Studying the sources necessary for conducting research work; Analytical review of the literature found; Assessing the relevance of the research topic; Writing a master's thesis.	RESEARCH and dissertation defense

4. CURRICULUM OF THE EDUCATIONAL PROGRAM

Module cipher	Discipline cycle	Discipline component	Discipline code	Name of discipline	Academic Credits	Control by academic periods				Volume in hours						Distribution of credits by academic periods			
						Exams			Practice/R course	Total	Classroom	Including			TSIS	SIS	1 year		2 year	
												Le ctu	Pr ac	LP z			1	2	3	4

																		Weeks in the academic period			
																		15	15	15	15
Modules of the specialty/educational program																					
1	БД	ВК	SPS7003	Psychology of management	4	1					45.0	30.0	15	15	0	15	0	4.0			
2	БД	ВК	SPS 7001	History and philosophy of science	4	2					45.0	30.0	15	15	0	15	0		4.0		
3	БД	ВК	SPS7002	Higher education pedagogy	4	2					45.0	30.0	15	15	0	15	0		4.0		
4	БД	ВК	PP 7004	Teaching practice	4				120		120.0		0	0	0	0	0		4.0		
Additional modules beyond the qualifications																					
5	БД	ОК	PP7701	Research practice	8						0.0		0	0	0	0	0				8.0
6	БД	ВК	LAN7001A	Foreign language (professional)	4	1					45.0	30.0	15	15	0	15	0	4.0			
7	БД	КВ	PM7701	Financial Project Management	5	1					60.0	45.0	15	30	0	15	0	5.0			
8	БД	КВ	FIN7701	Advanced Financial Management		1						45.0	15	30	0	15	0				
9	БД	КВ	MRK7701	Marketing management	5	1					0.0		0	0	0	0	0	5.0			
10	БД	КВ	PM7702	Innovation Management and Startups		1							0	0	0	0	0				
11	БД	КВ	ECO7701	Economics for Managers	5	1					60.0	45.0	15	30	0	15	0	5.0			
12	БД	КВ	PM7706	Business process management		1						45.0	15	30	0	15	0				
13	ПД	ВК	MGT7701	Theory and practice of project management	5	1					75.0	45.0	15	30	0	30	0	5.0			
14	ПД	ВК	JUR7407	Research Methodology	5	2					60.0	45.0	15	30	0	15	0		5.0		
15	ПД	ВК	MGT7710	Project scope and schedule management	5	2					60.0	45.0	15	30	0	15	0		5.0		

16	ПД	ВК	MGT7711	Project cost and procurement management	5	2					60.0	45.0	15	30	0	15	0		5.0		
17	ПД	ВК	MGT7704	Project quality and risk management	5	3					60.0	45.0	15	30	0	15	0			5.0	
18	ПД	ВК	MGT7712	Managing stakeholders and project integration	5	3					0.0		0	0	0	0	0			5.0	
19	ПД	ВК	MGT7713	Project communications and resource management	5	3					60.0	45.0	15	30	0	15	0			5.0	
20	ПД	КВ	MGT7706	International Project Management Standards	5	3					0.0		0	0	0	0	0			5.0	
21	ПД	КВ	MGT7707	Program and Portfolio Management		3							0	0	0	0	0				
22	ПД	КВ	MGT7708	Information Technologies in Project Management	5	3					60.0	45.0	15	30	0	15	0			5.0	
23	ПД	КВ	MGT7709	Project management tools and techniques		3							0	0	0	0	0				
24	НИР	ОК	RW7701	Master's student's research work, including internship and master's thesis	2				60		60.0		0	0	0	0	0	2.0			
25	НИР	ОК	RW7702	Master's student's research work, including internship and master's thesis	3				120		120.0		0	0	0	0	0		3.0		
26	НИР	ОК	RW7703	Master's student's research work, including internship and master's thesis	5				300		300.0		0	0	0	0	0			5.0	
27	НИР	ОК	RW7704	Master's student's research work, including internship and master's thesis	14				240		240.0		0	0	0	0	0				14.0

Итого теоретического обучения		112	16	0	0	840	0	1515	525	195	330	0	210	0	30.0	30.0	30.0	22.0
ДВО									0									
ИА		8						240.0										
		8				4		240										
		120				844		1755	525	195	330	0	210	0				

5. LIST OF ADDITIONAL EDUCATIONAL PROGRAMS

Name of additional educational programs (Minor) with disciplines	Total number of credits	Recommended Semesters of Study	Additional educationalprograms (Minor)

6. REQUIREMENTS FOR ASSESSING THE LEARNING OUTCOMES OF AN EDUCATIONAL PROGRAM

The grading policy is based on the principles of objectivity, transparency, flexibility and high differentiation.

Control and evaluation of the results of training of university students is carried out according to the point-rating system (BRS) by conducting current, milestone and final control.

Current control is assessed on a 100-point scale (see Generalized criteria for assessing the knowledge of students).

Generalized criteria for assessing the knowledge of students (current control)

95-100 points (A) is deserved by a student who has discovered a comprehensive, systematic and deep knowledge of the educational program material, who has independently completed all the tasks provided for in the program, who has deeply mastered the basic and additional literature recommended by the program, who has actively worked in practical classes, who understands the basic scientific concepts of the discipline under study, who has shown creative abilities and a scientific approach in understanding and presentation. The answer is distinguished by the richness and accuracy of the terms used, the material is presented consistently and logically.

90-94 points (A-) deserves a student who has discovered a comprehensive, systematic knowledge of the educational program material, independently completed all the tasks provided for in the program, deeply mastered the main literature and is familiar with additional literature recommended by the program, actively worked in practical classes, showed the systematic nature of knowledge in the discipline, sufficient for further study, as well as the ability to independently The answer is distinguished by the accuracy of the terms used, the material is presented consistently and logically.

85-89 points (B+) is deserved by a student who has discovered complete knowledge of the educational and program material, does not allow significant inaccuracies in the answer, independently completed all the tasks provided for in the program, mastered the main literature recommended by the program, actively worked in practical classes, showed the systematic nature of knowledge in the discipline, sufficient for further study, as well as the ability to replenish them independently.

80-84 points (B) deserve a student who has found a sufficiently complete knowledge of the educational and program material, who does not allow significant inaccuracies in the answer, who independently completed all the tasks provided for in the program, who mastered the main literature recommended by the program, who actively worked in practical classes, who showed the systematic nature of knowledge in the discipline, sufficient for further study, as well as the ability to replenish them independently.

75-79 points (B-) deserve a student who has found a sufficiently complete knowledge of the educational and program material, does not allow significant inaccuracies in the answer, independently completed the main tasks provided for in the program, mastered the main literature recommended by the program, was distinguished by sufficient activity in practical classes, who showed the systematic nature of knowledge in the discipline, sufficient for further study.

60-74 (C) deserves a student who has discovered knowledge of the basic educational and program material in the amount necessary for further study and upcoming work in the profession, who was not active in practical classes, who independently completed the main tasks provided for in the program, who mastered the main literature, but made some errors in their implementation and in the answer to the exam, but who has the necessary knowledge for their independent Eliminate.

60-64 points (C-) deserve a student who has discovered knowledge of the basic educational and program material, who is not active in practical classes, who independently completed the main tasks provided for in the program, but who made some mistakes in their implementation and in the answer to the exam, but who has the necessary knowledge to eliminate the errors made under the guidance of the teacher.

50-59 points (D) is deserved by a student who has discovered knowledge of the basic educational and program material, who has not been active in practical classes, who has independently completed the main tasks provided for in the program, but has made errors in their implementation and in the answer at the exam, but has the necessary knowledge to eliminate the most significant errors under the guidance of the teacher.

25-4 9 points (FX) deserve a student who has found a satisfactory knowledge of the basic educational and program material, who is not active in practical classes, who has independently completed the main tasks provided for in the program, but who has made significant errors in their implementation (often with a delay in the deadlines for passing) and in the answer to the exam, but who has the basic necessary knowledge to eliminate under the guidance the teacher of the most significant errors.

0-24 points (F) are given to a student who has discovered gaps in knowledge or lack of knowledge on a significant part of the basic educational and program material, who has not completed the basic tasks independently provided for by the program, who has made fundamental mistakes in the implementation of the tasks provided for in the program, who has not worked out the main practical, seminar, laboratory classes, and who cannot continue his studies or start professional activity without additional classes in the relevant discipline.

The procedure for accumulating points in the disciplines of op "Financial technologies"

During the first 7 weeks of the semester in the disciplines of the OP "Financial Technologies", 7 tasks are provided. The average score of the current control (Tc) is determined by the arithmetic mean of the points obtained (from 0 to 100).

On the next 8 weeks of the semester, the discipline provides for the implementation of 8 tasks.

Boundary control takes place in writing. The studentmust answer questions and/or tests. Students who have completed the tasks of the SRSP and the SRS on schedule are allowed to pass the boundary control.

The first rating (also the second rating) is determined from the sum of all ratings for the current control, divided by the number of ratings + the score of the boundary control, divided by 2 (arithmetic mean).

The first rating will be $P_1 = (Tk_1 + RK_1)/2$

where: Tc_1–Arithmetic mean estimate for the first current control;

RK_1 – assessment of the first milestone control.

The second rating will be $P_2 = (Tk_2 + Rk_2)/2$

where: Tc_2 is the arithmetic mean of the second current control;

RK_2 – assessment of the second boundary control.

Absence from lectures *without a valid reason* reduces the assessment of the passed tasks by 3 points, the absence from practical and laboratory classes leads to a decrease in the assessment of the passed tasks by 5 points.

If you miss classes *for a good reason,* it is allowed to work out the material covered.

Average Rating (RSR) is an admission to the exam based on the results of the first rating and the second rating and is at least 50 points. The average rating(RSR) for the exam is determined as follows:

$$Rsr. = (P_1 + P_2)/2$$

Calculation of the final score

After the exam in the discipline, the final score for the discipline is derived in percentage content, which is determined by the formula:

$$T_{\%} = \frac{(P_1 + P_2)}{2} \times 0{,}6 + E \times 0{,}4$$

where: P_1 is the percentage content of the assessment of the first rating;

P_2 – percentage content of the assessment of the second rating;
E is the percentage of the examination score.

The level of achievement in the program of the course is assessed according to the scale of final grades, Adopted in Credit Learning Technology:

Score Letter System	Digital equivalent Points	%-nye content	Score Traditional System
A	4,0	95-100	Excellent
A-	3,67	90-94	
B+	3,33	85-89	Good
B	3,0	80-84	Good
B-	2,67	75-79	
C+	2,33	70-74	Satisfactorily
C	2,0	65-69	Satisfactorily
C-	1,67	60-64	
D+	1,33	55-59	
D	1,0	50-54	Satisfactorily
FX	1,0	25-49	Satisfactorily
F	0	0-24	Unsatisfactorily

Approval worksheet

Name of the educational program: Project management

No p/n	Position, academic or academic degree and full name of the developer of the educational program	Date	Signature	Note
1	Omar A.D., MSc of Techniques and technologies, senior-lecturer of the department "Economics and business", JSC "International IT University"			
2	Shildibekov E.Zh., PhD, Head of the Department of Economics and Business of JSC "International University of Information Technologies"