

Non-commercial joint-stock company
«Kazakh National Agrarian Research University»

AGREED

The Akim of Kendala rural district

 A. Umirzakov
« » 2023



APPROVED

Chairman of the Board – Rector


 A. Kurishbaev
«05» 2023



AGREED

Chairman of the board

of LLC «KRIAE AIC and RTD»

 B. Rustembayev
2023



EDUCATIONAL PROGRAM

«7M04123 - State and Local government»

Degree awarded: master of business and management under the educational program

«7M04123 - State and Local Government»

(in the field of study)

Almaty, 2023


Approved at the meeting of the Department «Management and organization of agribusiness» named after Kh.D.Churin»

Protocol № 11, «17» 03 2023 y.

Head of the department  G.Beisenova

Considered at meetings Academic Committee of the Higher School «Business and Law»

Protocol № 09 «24» 03 2023 y.

Chairman of the AC of the faculty  M.Beisenbayeva

Reviewed by the Educational Methodological Council of the University and recommended to the Academic Council

Protocol № 3 «28» 03 2023 y.

Chairman of the EMC of the University  A. Kairbaeva

The educational program was approved at the meeting of the Academic Council of KazNARU
Protocol № 11, «05» 04 2023 y.

Developers:

Dean of the Higher School «Business and Law»

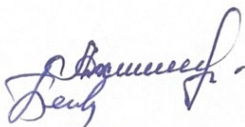





Head of the Department

C.e.s., Professor

Lecturer, Master of Economic Sciences

Master student 2 grade

Graduate 2021

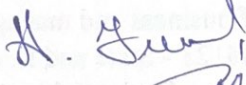

 D.Azhinurina
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Employers:

The mayor of Kendala rural district

Chairman of the board

of LLC "KRIAE AIC and RTD "

 A.Umirzakov
 B. Rustembayev

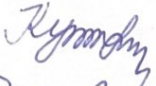
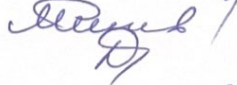


Agreed:

Head of the Educational Programs Design Department

Head of training Department

Head of the practice and employment sector

Deputy Head of the Department of Design of Educational Programs

 Zh. Kussainova
 A. Koishybaev
 B. Yessimova
 Sh. Kapar

Field of application

It is intended for realization of preparation of bachelors under the educational program “7M04123 - State and Local Government” in NC JSC "Kazakh National Agrarian Research University".

Regulations

"On Education" The Law of the Republic of Kazakhstan dated 27 July, 2007 No. 319-III;

State obligatory standard for higher education. Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 № 604;

Classifier of training programs for personnel with higher and post-graduate education. Order of the Minister of Education and Science of the Republic of Kazakhstan of October 13, 2018 No. 569;

Standard Rules for the activities of educational organizations implementing educational programs of higher and (or) postgraduate education. Order of the Minister of Education and Science of the Republic of Kazakhstan of October 30, 2018 No. 595;

Rules of the organization of the educational process on credit technology of training. Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152;

Algorithm of inclusion and exclusion of educational programs in the Register of educational programs of higher and postgraduate education. Order of the Minister of Education and Science of the Republic of Kazakhstan No. 665 dated December 4, 2018;

Professional standard: "the Activities in the sphere of planning and analysis a firm's resources" Application No. 85 to the order of the Deputy Chairman of the Board of the National chamber of entrepreneurs of Kazakhstan "Atameken" from 26.12.2019 g №263. – URL: <http://atameken.kz/>.

Professional standard: "management of a small (medium) firm" Appendix No. 95 to the order of the Deputy Chairman of the Board of the National chamber of entrepreneurs of the Republic of Kazakhstan "Atameken" dated 26.12.2019 No. 263.

URL: <http://atameken.kz/>.

1. Passport of the educational program “7M04123 - State and Local Government”

Code and classification of the field of education	7M04 Business, Administration and law
Code and classification of training areas	7M041 Business and Administration
Code and name of the educational program	7M04123- State and Local Government
Type of educational program	current
Purpose of the educational program	Training of managers of a new formation with the skills of organizing state and local government, ability to form the strategy of the state and the region.
Level according to ISCE	7
Level according to NQF	7
Level according to SQF	7
The number of applications for licenses for the training	KZ42LAA00006720 March 27, 2019 Приложение №10 от 5 июля 2019 года
Accreditation of EP The name of the accreditation body The period of validity of accreditation	Certificate №AB0756 Independent Kazakhstan Agency for quality assurance in education (IQAA) 24.12.2015 -23.12.2020
Degree awarded	Master of Business and Management by the educational program “7M04123 – State and Local Government ”
Learning outcome	Table 2
List of qualifications and positions	A graduate can carry out professional activities in the following areas: -organizational and management; -production and management; -economic; analytical; - scientific research; -expert Advisory service; -educational (pedagogical); -educational and methodical activities
Professional field of activity	- state and municipal administration; - management in state and municipal institutions and enterprises; - management in the social sphere; -management in non-profit organizations and other organizations in positions of relations with state bodies and citizens.
Field and object of professional activity	- organizations and enterprises of all forms of ownership, regardless of the industry and field of activity; - office and administration of the President of the Republic of Kazakhstan; - apparatus of the Parliament of the Republic of Kazakhstan; various structural divisions Of the government of the Republic of Kazakhstan; - economic and financial management bodies (ministries, departments and agencies); - higher education institutions; research centers, research and expert consulting organizations; - interdepartmental, interregional and international scientific

	<p>project organizations.</p> <ul style="list-style-type: none"> - research institutes and educational organizations of any profile; - Central and regional bodies of the Ministry of labor and social protection of the population of the Republic of Kazakhstan; - local government; - state and municipal enterprises and institutions; - civil society institution; - public organization; - non-profit and commercial organizations; - international organizations and international management bodies, other organizations, departments for relations with state and municipal bodies and citizens.
Functions of professional activity	<p>The educational program “7M04123 - Public and Local Administration” includes 2 (two) educational trajectories:</p> <p>#1. "State management of regional development"</p> <p>The professional activity of the master is aimed at:</p> <ul style="list-style-type: none"> - organization of the state management system for regional development; - participation in the development of measures to regulate the real sector of the economy, as well as provides organizational assistance for the implementation of the developed measures; - implementation of strategic management in the interests of society and the state, including setting socially significant goals, creating conditions for their achievement, and organizing work to achieve the maximum possible results; - analysis of the state of the economy of branches of the budget sector, individual organizations, determining the economic consequences of prepared or adopted decisions; - implementation of personnel policy and personnel audit, formation of a team and organization of collective work, the ability to maximize the effective use of human resources, motivating and developing personnel in order to ensure the greatest effectiveness of their work; - organization of interaction with the external environment (other state and municipal bodies, organizations, citizens). <p>#2. "Innovative technologies of interaction between government, business and society in state and municipal administration»</p> <p>The professional activity of the master is aimed at:</p> <ul style="list-style-type: none"> - management of socio - economic activities of the country; - monitoring compliance with the socio-economic level of the population, for the life and health of the population; - effective solution of socio-economic problems and process management - act in non-standard situations, bear social and ethical responsibility for decisions made in the sphere of interaction between government, business, and society;

	<ul style="list-style-type: none"> - develop ways to improve the management of public-private partnership projects; - carry out information interaction with the media, provide public relations; - participate in research projects on problems of state and municipal management. <p>Undergraduates of both educational trajectories can conduct scientific and pedagogical activities in educational organizations.</p>
Types of professional activity	<p>Masters of “7M041- Public and Local Administration” can perform the following types of professional activities:</p> <p>1. Design and technology:</p> <ul style="list-style-type: none"> - in matters of improving state regulation of real sectors of the country's economy; - in assessing the effectiveness of state and local government with new educational and practical tasks. - in matters of improving state regulation of real sectors of the country's economy; - in assessing the effectiveness of state and local government in order to solve new educational and practical problems. <p>2. Organizational and management:</p> <p>3. Scientific research:</p> <ul style="list-style-type: none"> - independently organize and conduct scientific research using modern methods of mathematical modeling and analysis of technological systems; - in project management procedures, project integration management, project deadlines, risks, and contracts management; - ability to analyze empirical data and use them in management practice, systematize new knowledge - apply methods and specialized tools when performing research work on the problems of state management of economic development <p>4. Scientific and pedagogical:</p> <ul style="list-style-type: none"> - study of modern methods of teaching disciplines - development of science-based methods for improving the skills of employees at all levels; - use of innovative teaching technologies in the process of pedagogical activity.
Be competent	<ul style="list-style-type: none"> - get the skills and develop the competencies necessary for a modern Manager. With their help, they can achieve success in state and municipal authorities, public and non-profit organizations, national and international companies, as well as; - in the field of research methodology; - in matters of innovative technical and technological production in all industries; - in the field of scientific and scientific-pedagogical activity in educational organizations;

	- in the implementation of scientific projects and research in the professional field
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2. Learning outcomes for EP “7M04123 - State and Local Government”

Codes	Learning outcomes
LO1	To demonstrate knowledge of the structure, stages, and methods of scientific cognition; psychology of subjects of managerial activity.
LO2	To apply knowledge of foreign languages, skills of social interaction and intercultural communication at a professional level.
LO3	To use motivation theories, leadership and business negotiation skills to develop managerial decisions.
LO4	To collect and interpret information for the construction and solution of economic and mathematical models of the forecast of the economic development of the country.
LO5	To evaluate the mechanisms of public administration in the socio-economic situation and an effective strategy for the interaction of government, business and society at various levels of government.
LO6	To solve project management tasks using blockchain technology, profitability and financial condition of the organization, reserves for improving production efficiency in business activities.
LO7	To subject to critical analysis and verification of statistical and experimental data of socio-economic indicators to form their own judgments.
LO8	To develop a detailed analysis of the challenges of the effective organization of the business community management process and its interaction with the authorities, using the mechanisms of their interaction.
LO9	To create conditions for effective interaction between public and private partners in order to ensure sustainable socio-economic development of the Republic of Kazakhstan.

Module 2. Technology of interaction between the state, business and society				4												exam	
1.1.4	OC	TMSM M 60205	Theory and mechanisms of modern state and municipal management	4	120	12	28			20	60	4					2
No. 2 educational trajectory “Innovative technologies of interaction between government, business and society in state and municipal administration”																	
Module 3. Government and business in public administration				4													
1.1.6	OC	TIGBO6 0207	Theory of interaction between government, business and society	4	120	12	28			20	60	4				2	exam
MS: UC/OC		Major Subjects Cycle: University component / Optional component		29	870	60	140		90	100	480						
1.2	MSC	Major Subjects Cycle															
1)	UC	University Component		9	270	27	63			45	135						
Module 4. Project management and modeling of business solutions				9													
1.2.1	UC	MBS 60301	Modeling of business solutions	3	90	9	21			15	45	3				9	exam
1.2.2	UC	UP 60302	Project management in the field of entrepreneurship	3	90	9	21			15	45	3				2	exam
1.2.3	UC	MNIGM U60303	Methodology of scientific research in the state and local government	3	90	9	21			15	45		3			2	exam
2)	OC	Optional Component		11	330	33	77			55	165						
No. 1 “educational trajectory "State management of regional development”																	
Module 5. The Department of regional development				11													
	OC	MSS603 15	Management in the social sphere	6	180	18	42			30	90	6				2	exam

1.2.7	OC	OIRMA BS 60313	Organization of interaction between regional and municipal authorities and business structures	5	150	15	35			25	75	5				2	exam
No. 2 educational trajectory “Innovative technologies of interaction between government, business and society in state and municipal administration”																	
Module 6. Innovative business development				11													
1.2.10	OC	MIGBS 60309	Mechanisms of interaction between government, business and society in the framework of corporate social responsibility	5	150	15	35			25	75	5				2	exam
1.2.11	OC	PPPIIG B60311	Public-private partnership - a tool for innovation interaction between government and business	6	180	18	42			30	90	6				2	exam
3)	UC	PP 60300	Production practice	9	270				90		180		9			2	report
2	UC	ERM60 3001	Experimental research of a master's student (ERM), including internships and master's thesis	13	390				130		260		13				report
3	ATE	Additional types of education															
3.1	FA	Final assessment		8	240				90		150		8				
1)	PDMT	Preparation and defense of a master's project		8	240				90		150		8				PDMP
	TOTAL:			60	1800	84	216		900	150	450	30	30				

¹Note:

Department number	The name of the department
1	Agronomy, breeding and biotechnology
2	Fruit and vegetable growing, plant protection and quarantine
3	Soil science, agrochemistry and ecology
4	Obstetrics, surgery and reproduction biotechnology
5	Biological safety
6	Clinical Veterinary medicine
7	Microbiology, Virology and Immunology
8	Veterinary sanitary examination and hygiene
9	"Physiology, morphology and biochemistry" named after N.U.Bazanova
10	Forest resources, hunting and fisheries
11	Land resources and cadastre
12	Water resources and land reclamation
13	Accounting, audit and finance
14	«Management and organization of agribusiness» named after Kh.D. Churin
15	Law
16	Zooengineering
17	Technology and food safety
18	Agricultural machinery and mechanical engineering
19	"Machine use" named after I.V.Sakharov
20	Energy saving and automation
21	IT technologies and automation
22	Social disciplines
23	Kazakh and Russian languages
24	Foreign languages
25	Physical education and sports
26	Military Department

4. Map of competence of modules

Codes	Module	Basic competencies	Learning outcomes
Module 1. Science communication and organization of the learning process			
MC1	Foreign language (for specific purposes)	Be able to communicate in a foreign language in a professional environment and in society as a whole, develop documentation, present and protect the results of complex economic activities.	<ul style="list-style-type: none"> - conduct a professional conversation in an international environment in a foreign language, maintain a conversation on a wide range of scientific, technical and pedagogical issues; - be able to summarize the results of research and analytical work in the form of a dissertation, scientific article, report, analytical note, etc.
MC2	Management	Ability to think creatively, analyze the environment, and be ready to make managerial decisions and take social responsibility for them	<ul style="list-style-type: none"> - be able to carry out management activities, solve economic and social issues, - be able to analyze the experience of foreign countries and use it in the conditions of Kazakhstan
MC3	Managerial psychology	Readiness to lead a team in the field of their professional activities and the ability to develop personal managerial competencies.	<ul style="list-style-type: none"> - demonstrate broad-mindedness in matters of philosophy of science, psychology and pedagogy, find optimal options in various psychological situations and make management decisions; - make decisions in complex and non-standard situations in the field of organization and management of economic activities of the enterprise (firm); - manage economic services and divisions at enterprises and organizations of various forms of ownership, in state and municipal authorities on the basis of the ability to cooperate, collective organization, interaction; - ability to work in a team: quickly and easily establish contacts with other people, accurately convey your thoughts and feelings, coordinate your actions with team members, correctly defend your point of view, collectively make decisions, offer new options and ways to solve goals and tasks.
Module 2. Technology of interaction between the state, business and society			

MC4	Theory and mechanisms of modern state and municipal management	The origin, essence and structure-functional structure of the state as a system of social education; the theoretical and practical foundations and institutional structures and implementation mechanisms of modern public administration in General and specifically in the Republic of Kazakhstan; the place, role and mechanisms of public administration in terms of basic market mechanisms.	Deep mastering of theoretical and methodological knowledge and practical skills (techniques) in the field of modern state management of socio-economic processes, mechanisms for ensuring sustainable development and state security by future specialists
Module 3. Power and business in public administration			
MC 5	Theory of interaction between government, business and society	The discipline is a unique mechanism of interaction between the legislative and Executive authorities and the business community. This interaction finds its real embodiment in the unity of a variety of different forms and directions: creating the infrastructure of the economic system itself; providing favorable conditions for the effective functioning of the economy; forming and implementing industrial policy; placing state and municipal orders; institutionalizing lobbying activities of business structures; institutional design of the corporate sector, etc.	A comprehensive study of the relations that develop during the period of institutional transformation between government and business, training for the formation of an effective system of interaction between the analyzed subjects.
		Professional competence	Learning outcome
Module 4. The Department of regional development			
MC 6	Business decision modeling	Competent in the organization and conduct of scientific research using modern methods of mathematical modeling and analysis of technological systems.	<ul style="list-style-type: none"> - use information technologies in search of innovative ideas to solve emerging scientific and industrial problems and be able to adapt and implement new knowledge and ideas; - be able to calculate, analyze and forecast economic and socio-economic indicators based on standard methods and the current regulatory framework, and offer strategic approaches to economic development at the micro -, meso- and macro levels that allow you to

			gain and maintain competitive advantages; - make decisions in complex and non-standard situations in the field of organization and management of economic activities of the enterprise (firm).
MC 7	Project management in the field of entrepreneurship	History of development of project management methods; methodological approaches to decision-making on development of the project concept, its structuring and evaluation; mastering the role and function of the project Manager at various stages of the project life cycle; introduces the organizational forms of project management and methods of their development and optimization Tools for planning and monitoring the progress of the project; acquisition and development of skills in research and creative work, economic modeling of projects using software tools.	- the ability to independently acquire new knowledge using modern information technologies, the ability to work in a team, lead people and obey, the ability to negotiate; - in finding and processing information, using information tools and technology, ability to make calculations and draw conclusions; - proficiency in terminology, basic norms and standards governing the activities of organizations in the field of project planning and management.
MC 8	Methodology of scientific research in the state and local	The main methodological approaches to the study of state and municipal management are the following approaches: administrative-legal, economic, political science, cultural studies, and process approach. The use of methodological approaches to the study of the state and municipal management system allows us to constantly improve the regulation of socio-political and socio-economic processes in the country in the interests of its population.	Competence to independently master new research methods of state and municipal management, readiness to independently carry out scientific research using modern methods of science.
	Module 5. Innovative business development		
MC 9	Management in social sphere	Discipline "management in the social sphere", consider the issues of public reform in Kazakhstan indicating the growing relevance and significance of social transformations. Further progress towards becoming a civilized market is almost impossible without solving the accumulated	Innovative personnel in the social sphere, providing socially significant services, forming a list of social services, encouraging clients to solve their own problems; acute socio-economic problems, as well as no less acute demographic consequences.

		problems and contradictions in the social sphere. The radical social transformations taking place in Kazakhstan were carried out and took place in such a way that led the country to a systemic crisis, which caused acute socio-economic problems, as well as no less acute demographic consequences.	
MC 10	Organization of interaction between regional and municipal authorities	Discipline "Organization of interaction of regional and municipal bodies" Reveals the issues of sustainable development of territories, and it is in this aspect most often discussed prospects of socio-economic development is the result of decisions and activities that lead different members of society, but the most significant role belongs, of course, the authorities (as a regulator and conductor of the state policy) and business (as the primary producing sector).	They acquire managerial experience and skills when working and creating a favorable infrastructure for regional investments. Agencies, trusts, and other local development institutions play an important role here
Module 6. Innovative business development			
MC 11	Mechanisms of interaction between government, business and society in the framework of corporate social responsibility	The discipline "mechanisms of interaction between government, business and society in the framework of corporate social responsibility", the need to study this discipline is caused by the fact that in recent years in Kazakhstan there is an increasing interest in corporate social responsibility (CSR). This is due to both political reasons and the interest of business to find a new common language with the authorities at all levels and society, thus increasing its stability.	This discipline provides undergraduates with theoretical knowledge and practical skills aimed at solving CSR issues of the enterprise, contributes to the assimilation of the main provisions of corporate social responsibility, creates opportunities for acquiring skills in developing a socially-oriented strategy of the organization.
MC 12	Public-private partnership - an innovative tool	The discipline consists of the following sections: 1. Methodological foundations of strategic management of public-private partnership. Content and methods of public-private partnership management in a market economy.	In matters of organizational structures for initiating and managing PPPs, including in the regions; conducting information and educational work in the framework of promoting PPPs; solving personnel problems.

		<p>2. Public-private partnership as a tool for cooperation of territorial development subjects. Criteria and performance indicators.</p> <p>3. Institutional conditions for the development of public-private partnership in economic policy.</p>	
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Information about disciplines

№	Name of the discipline	Brief description of the discipline	Number of credits	Emerging competencies
Core Subjects Cycle / University component				
1	Foreign language (for specific purposes)	<p>The main goal of the discipline is to systematically deepen the communicative competence within the framework of international standards of foreign language education on the basis of further development of skills and abilities of active English language proficiency in the professional activity of the future master of science. Development of master's skills:</p> <ul style="list-style-type: none"> - reading literature in English in the specialty for receiving and transmitting scientific information; - processing of extracted information in the form of translations, annotations, and abstracts; - conducting conversations in English on topics related to the specialty and scientific work of the master's program student. 	2	MC1 LO2
2	Management	<p>The purpose of mastering the discipline "Management" is to develop the scientific understanding of management as a professional activity; the development of students General provisions of socio-economic systems; mastering the skills of practical solutions to administrative problems; study of world experience of management and the peculiarities of Kazakh management, training, practical issues related to managing various aspects of activities of organizations.</p>	2	MC2 LO3
3	Managerial psychology	<p>Discipline examines the subject, nature, tasks and structure of management psychology, methods of psychological research and basic approaches to its study. Examines the psychology of the subject of management, the psychology of cognitive activity, perceptual, mnemonic, thought processes in management. The course forms ideas</p>	2	MC3 LO1

		about etiquette in the activity of a modern business person, communicative competence of a manager, emotional and volitional states in management activities and ability to manage activities.		
Core Subjects Cycle / Optional component				
4	Theory and mechanisms of modern state and municipal management	The discipline is aimed at forming a holistic understanding of the main theoretical and methodological approaches and modern mechanisms of public administration among undergraduates. Uses comparative institutional analysis to characterize the problems of public administration. Reproduces the main provisions of modern theories of public administration. Forms a resource and information base for setting the problem and solving the tasks.	4	MC4 LO5
5	Theory of interaction between government, business and society	Discipline is a kind of mechanism of interaction of legislative and Executive authorities with the business community. This interaction finds its real embodiment in the unity of a variety of different forms and directions: the creation of the economic system infrastructure; ensuring favorable conditions for the effective functioning of the economy; the formation and implementation of industrial policy; the placement of state and municipal orders; the institutionalization of lobbying business structures; institutional design of the corporate sector, etc	4	MC5 LO6
Major subjects cycle / University component				
6	Modeling of business solutions	Acquaintance with the decision-making process, starting from formalization of the initial problem, through building and solving a mathematical model on a computer to analyzing the decision and forming a management decision. Formation of skills in the construction and solution of mathematical models and analysis of these solutions on a computer. Consideration of production, transport and financial models of tasks for the choice of management decisions.	3	MC6 LO4

7	Project management in the field of entrepreneurship	History of development of project management methods; methodological approaches to decision-making on development of the project concept, its structuring and evaluation; mastering the role and function of the project Manager at various stages of the project life cycle; introduces organizational forms of project management and methods of their development and optimization tools for planning and monitoring the progress of the project; acquisition and development of skills in research and creative work, economic modeling of projects using software tools.	3	MC7 LO6
8	Methodology of scientific research in state and local government	The main methodological approaches to the study of state and municipal government includes the following approaches, administrative and legal, economic, political science, cultural studies, different processes of approaches. The use of methodological approaches in the study of state system and municipal government allows us constantly to improve the regulation of socio-political and socio-economic processes in the country for the interests of people.	3	MC8 LO1
9	Management in the social sphere	Discipline "Management in the social sphere" considers theoretical aspects about the structure of the social sphere, the peculiarities of its development. The author gives an idea of the emergence and evolution of social sphere management institutions, an understanding of the role of state social policy, the general orientation of transformations in the management of the social sphere during the transition of society to market relations, discusses concepts, strategies, programs for the development of social sectors.	6	MC9 LO7
Major subjects cycle / Optional component				
10	Organization of interaction of regional and municipal authorities with business structures	Discipline «Organization of interaction of regional and municipal authorities with business structures» forms undergraduates' systematic theoretical knowledge in the field of	5	MC10 LO8

		organization of interaction between government authorities of business structures; the ability to build and improve the system of external relations of representatives of the corporate sector of the economy, businessmen, entrepreneurs with public authorities.		
11	Mechanisms of interaction between government, business and society in the framework of corporate social responsibility	The need to study this discipline is caused by the fact that in recent years there has been an increasing interest in corporate social responsibility in Kazakhstan. To teach undergraduates modern approaches and mechanisms of interaction between government, business and society, to the organization of the program of state and municipal management through the use of technologies and tools of the business environment. As a result, undergraduates will master the skills of organizing a constructive dialogue between government, business and civil society institutions.	5	MC11 LO9
12	Public-private partnership is - a tool for innovative interaction between government and business	This course studies the methodological foundations of strategic management of public-private partnership; public-private partnership as a tool for cooperation of territorial development entities, criteria and performance indicators; institutional conditions for the development of public-private partnership in economic policy.	6	MC12 LO9

5. Summary table, reflecting the amount of credits disbursed in the context of the modules of the educational program:

Training course	Semester	The number of studied disciplines				The number of academic credits				Total hours	Total in academic hours	The number of	
		CS		MS		Theoretical classes	Work placement internship	Experimental research work	Final assessment			Exam	Difcre dit
		UC	OC	UC	OC								
I	<u>1</u>	<u>3</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>27</u>	<u>3</u>			<u>30</u>	<u>900</u>	<u>8</u>	<u>1</u>
	<u>2</u>			<u>1</u>		<u>3</u>	<u>2</u>	<u>13</u>	<u>12</u>	<u>30</u>	<u>900</u>	<u>1</u>	<u>3</u>
Total:		3	1	3	2	30	5	13	12	60	1800	9	4

Annexes

Annex 2

Practice bases

№	Name of companies, enterprises, organizations	Contacts Tel, e-mail
1	The Akim of Pervomay Rural District	Almaty region, Karasai district, Bekbolat village, st. Zhetysu, house №94 Tel.: +7 (727 71) 51 418 E-mail: akimatpervomay@mail.ru
2	Acting General Director of LLC "KRIAE AIC and	LLP "Kazakh NII E APK and RST" Address: 050057, Almaty, st. Satpaeva, 30p Phone: 8 (727) 245-35-99 E-mail: kazniiapk@mail.ru
3	State Institution "Apparatus of Akim of Enbekshikazakh district" № 04-04/02 от 23.11.2022ж.	Almaty region, Enbekshikazakh district, Esik, prospect Zh.Zhabaeva, 21 Phone: 8 (727) 757 20 01 8 (727) 757 20 72 E-mail: a.enbekshikazakh@almobl.gov.kz
4	State Institution "Apparatus of Akim of Talgar district" № 04-04/32 от 10.10.2022ж.	Almaty region, Talgar district, Talgar, D.Konaev Avenue 65 Phone: 8 (727) 757 20 01 8 (727) 742 12 57 E-mail: apparatakima2014@mail.ru
5	State Institution "Office of Akim of Kaplanbek rural district of Saryagash district"	Turkestan region, Saryagash district, Kaplanbek village, Kazybek bi street, No. 7 B Phone: +7 (72537) 5-34-94 E-mail: kablanbek1@mail.ru
6	State Institution "Apparatus of akim of Zhetybai village"	Mangystau region, Karagay district, Zhetybai village, Zhanakurylys street №1 Phone: +7 (729) 3526090 E-mail: a.namazbai@mangystau.gov.kz
7	State Institution "The office of akim of Makanchinsky rural district of Urdzharsky district"	East Kazakhstan region, Urdzharsky district, Makanchi village, Kabanbaya Street №6 Phone: 8 (722) 394 90 49 E-mail: so_makanchi@mail.kz
8	State Institution «Office of Akim of Zhambyl rural district of Karasay district"	Almaty region, Karasay district, Zhambyl village, Donbaeva Street, 16A Phone: 8 (727) 713 55 52 E-mail: guzhambyl@mail.ru
9	State Institution "Office of Akim of Zhanakorgan district"	Kyzylorda region, Zhanakorgan district, Zhanakorgan village, Manap Kokenov Street №33 Phone: 8(72435)22-4-29 E-mail: zhanakorgan.korda.gov.kz
10	State Institution "Apparatus of akim of Koksu rural district of Shardarinsky district"	Turkestan region, Shardarinsky district, Koksu village, K.Satpayev Street №20 Phone: 8 (725) 354 63 68 E-mail: koksu_2012@mail.ru
11	State Institution "Apparatus of akim of	Zhambyl region, Kordai district, Masanchi village,

	Masanchinsky rural district of Kordaysky district"	Saryarka str., 14 Phone: 8 (726) 363 20 41 E-mail: arsa-5@mail.ru
12	State Institution "Apparatus of Akim of Saryagash district of Saryagash city"	Turkestan region, Saryagash, Maily kozha street Phone: 8725-37-2-33-70 E-mail: saryagash_akim@mail.ru
13	KSU "Apparatus of Akim of the Merki rural district"	Zhambyl region, Merken district Merken rural district, street A.Ismailova 169 Phone: 8(726)3221471 E-mail: merke-okrug@mail.ru
14	State Institution "Apparatus of Akim of Alakolsky district"	Almaty region, Alakolsky district, Usharal, Konaeva str 74 Phone: 8 (72833) 214 54 E-mail: akimat_alakol@mail.ru
15	State Institution "Apparatus of akim of Aidarly rural district of Panfilovsky district"	Almaty region, Panfilovsky district, Aidarly village, Zhenis Street 1 Phone: 8 (728) 313-93-43 E-mail: aidarly@bk_ru
16	State Institution "Apparatus of akim of Pidzhimsky rural district of Panfilovsky district"	Almaty region, Panfilovsky district, village of Pitim, Mukhamadieva Street 12 Phone: +7(72831)4-77-94 E-mail: Akimat.pidzhim@mail.ru
17	State Institution "Apparatus of akim of Uzynbulak rural district" of Kegensky district	Almaty region, Kegensky district Uzynbulak village, Kylyshbayev street №24 Phone: 8(72777)5-41-00,5-41-01 E-mail: uzunbulak.akimat@mail.ru
18	State Institution "Apparatus of akim of Karabau rural district of Kazygurt district"	Turkestan region, Kazygurt district, Karabau village, Syntas village, E.Sarypbekov street №60 Phone: 7 (72539) 79-4-87 E-mail: karabau_akimat@mail.ru
19	State Institution "Apparatus of the Sharyn rural District"	Almaty region, Uygur district, Sharyn village, Manapova Street Phone: 8727-785-89-41 E-mail: Charin.akimat@mail.ru

Annex 2 Statement from the minutes of the meeting of the Department (with the participation of faculty, employer, graduate and students)

Annex 3 Review or Expert opinion from the employer

Annex 4 Statement from the minutes of the EMC

Annex 5 Statement from the minutes of the Faculty Council