



NCJSC "Kazakh Agrotechnical Research University by S. Seifullin"
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CATALOG OF ELECTIVE DISCIPLINES

For students in the direction of preparation 7M041. Business and administration

Brief description of the elective disciplines of the educational program

EPG	EP	Form of education	The name of discipline	Code of subject	Discipline cycle	Component	Number of credits	Level of training	Cafedra	Course	Academic period	Pre-requisites	Post-requisites	Brief content of the discipline	Key learning outcomes	Name of the alternative discipline
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development»	Full-time (MS 2 years) semester	Statistical software rural development	SORST 5204	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Economy	1	1	History and philosophy of science	Organization of rural entrepreneurship activity	Formation of knowledge and skills of undergraduates in statistical accounting and economic and statistical analysis of rural areas, a system of statistical indicators of the state and development of rural areas, mastering a comprehensive assessment of the sustainable development of rural areas with statistical methods.	Possess the methodology of statistics for use in the study of socio-economic processes at various hierarchical levels.	Development of information and consultancy services in rural areas
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development»	Full-time (MS 2 years) semester	Development of information and consultancy services in rural areas	RIKSS T 5212	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Accounting and finance	1	1	History and philosophy of science	Organization of rural entrepreneurship activity	Basic concepts of information and consulting service in rural areas. The need of rural population to obtain new information. Agricultural producers' problems with ever-increasing information flows. Search, selection in practical use of necessary innovations and information. Effective problem solving mechanism. Development and implementation of information and consulting service development concept.	Analyze information and choose methods of scientific research to identify problems at various levels of the economy in general and at AIC enterprises in particular, suggest ways to solve them, taking into account the operation of economic laws.	Statistical software rural development
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development»	Full-time (MS 2 years) semester	Agroecotourism	Agr 5203	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Economy	1	2	History and philosophy of science	Organization of rural entrepreneurship activity	Training of a specialist with knowledge and skills to organize and carry out activities in agri-ecotourism. Tasks: consider various models of agroecotourism; analyze organization features; development, legal regulation of agro-ecotourism in region; explore the means, methods and forms of recreational resources' rational use; rural areas favorable living conditions' achievement.	Demonstrate the ability to develop strategies for the development of agri-eco-tourism activities at the regional level and relevant project levels.	Environmental labeling and marketing of ecological and regional products in rural areas

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M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development» Full-time (MS 2 years) semester	Environmental labeling and marketing of ecological and regional products in rural areas	EMME RPST 5213	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Ecology	1	2	History and philosophy of science	Organization of rural entrepreneurship activity	Environmental labeling theoretical approaches. Rural areas' ecological and regional products marketing. Environmental labeling formation's legal basis. Experience of economically developed countries in promoting products with commodity and environmental labels; Rural areas' regional and environmental products marketing, current state in RK. Procedure for registration and legal protection of trademarks in RK.	Possess the skills to assess the economic, environmental and social aspects of the sustainable state of agriculture and rural development.	Agroecotourism
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development» Full-time (MS 2 years) semester	Rural sociology	SS 5205	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Philosophy	1	1	History and philosophy of science	Organization of rural entrepreneurship activity	Rural sociology is a branch of sociology that studies the emergence, functioning and development of social systems and institutions of the Republic of Kazakhstan, the sociological patterns of development of the agricultural sector and rural settlements, the peculiarities of the lifestyle of rural residents.	Possess the skills to assess the economic, environmental and social aspects of the sustainable state of agriculture and rural development	Involvement of the population in rural development
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development» Full-time (MS 2 years) semester	Involvement of the population in rural development	VNRST 5214	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Economy	1	1	History and philosophy of science.	Organization of rural entrepreneurship activity	Rural development fundamentals. Development of rural areas' mechanisms for activation and involvement of local population. Processes for developing programs/projects for development of rural areas. Implementation of programs/projects for development of rural areas. Monitoring the effectiveness of program/project activities. Evaluation of effectiveness of program/project activities.	Have the ability to manage economic services and departments at enterprises and organizations of various forms of ownership, in local government bodies; the ability to develop options for management decisions and justify their choice based on the criteria of socio-economic efficiency.	Rural sociology

M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development»	Full-time (MS 2 years) semester	Management of biological resources in rural areas	UBRST 5305	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Biology, Plant Protection and quarantine	1	2	Psychology of management	Organization of rural entrepreneurship activity	Non-urbanized territories resources' use and protection problems' description. Management of non-timber bioresources (wild berries, nuts, mushrooms, tree sap preparation, haymaking, grazing), bioresources of open spaces (meadow resources' use, beekeeping, medicinal plants, haymaking and grazing on pastures); water bodies' biological resources (water bodies' use in agriculture, environmental problems); rational environmental management.	Possess knowledge and understanding of the main trends in the field of current problems in the management of biological resources in rural areas; apply knowledge to summarize the results of experimental research and analytical work in the form of a dissertation, article, report, etc.	Organic farming
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development»	Full-time (MS 2 years) semester	Organic farming	OSH 5313	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Ecology	1	2	History and philosophy of science	Organization of rural entrepreneurship activity	Within framework of the discipline, principles of organic agriculture, principles of existence of ecosystems and agriculture are considered. Organic products production technology. Certification of organic products. Processing, storage, transportation, labeling of organic products. State regulation and support of agricultural producers producing organic products methods, in accordance with WTO rules.	Possess knowledge and understanding of the main trends in the field of current problems in the management of biological resources in rural areas; apply knowledge to summarize the results of experimental research and analytical work in the form of a dissertation, article, report, etc.	Management of biological resources in rural areas
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development»	Full-time (MS 2 years) semester	Management of development of rural areas	URST 6306	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Management and marketing	2	1	Ecological concept, and agriculture. Sustainable development.	Organization of rural entrepreneurship activity	Strategic guidelines for rural areas' socio-economic development. Formation of regional rural areas' sustainable development system. Rural territories infrastructure. Development of rural areas and human potential in AIC. Innovative development of rural areas. AIC and rural areas' competitiveness. Agrarian policy regional features. Regional rural areas' sustainable development system formation perspective directions.	Possess knowledge in the field of economic and social foundations of rural development and their impact on the sustainability of agriculture; in the development of regional programs for the diversification and economic development of rural areas and their sustainability.	Fundamentals and principles of local self-government

	7M04102 - «SARUD Sustainable Agriculture and Rural Developments» Full-time (MS 2 years) semester	Fundamentals and principles of local self-government	OPMSS T 6310	AS	Elective subjects	5 0	Master's program by specialization (Scientific & pedagogical direction)	Management and marketing	2	1	Ecological concept, and agriculture. Sustainable development.	Organization of rural entrepreneurship activity	Local self-government: concept and legal foundations, its territorial basis and principles. Local self-government organizational bases, financial and economic bases. Competences of local self-government bodies. Powers, elections of local governments. Areas of activity of local governments. Distribution of state subsidies. Household services - areas of activity of local governments.	Demonstrate the ability to analyze management systems, as well as factors influencing the performance of the organization and its functional units, psychological aspects of management.	Management of development of rural areas
	7M04102 - «SARUD Sustainable Agriculture and Rural Developments» Full-time (MS 2 years) semester	Bioeconomy	Bio 6307	AS	Elective subjects	5 0	Master's program by specialization (Scientific & pedagogical direction)	Economy	2	1	Ecological concept, and agriculture. Sustainable development.	Master student's research work, including implementation of master's thesis	The course contributes to knowledge systems' mastering by undergraduates, aimed at solving current socio-economic, environmental and other problems of region with aim of preserving and developing its bioresource potential. During studying the discipline, all aspects of sustainable development will be considered: economic, environmental and social benefits of bioeconomy development.	Possess the skills to assess the economic, environmental and social aspects of the sustainable state of agriculture and rural development	Environmental regulation and legislation in rural areas
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Developments» Full-time (MS 2 years) semester	Environmental regulation and legislation in rural areas	PRZST 6311	AS	Elective subjects	5 0	Master's program by specialization (Scientific & pedagogical direction)	Economy	2	1	Ecological concept, and agriculture. Sustainable development.	Research practice	The role of environmental regulation, legislation in rural areas' sustainable development. Nature management and nature protection in rural areas. <i>Environmental law as a mechanism for managing nature management and environmental protection.</i> Administrative methods of environmental management and environmental protection in rural areas. Forecasting of environmental protection activities in rural areas.	Analyze information and choose methods of scientific research to identify problems at various levels of the economy in general and at AIC enterprises in particular, suggest ways to solve them, taking into account the operation of economic laws.	Bioeconomy
M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Developments» Full-time (MS 2 years) semester	Organization of rural entrepreneurship activity	OPDS M 6308	AS	Elective subjects	5 0	Master's program by specialization (Scientific & pedagogical direction)	Economy	2	1	Sustainable development of rural areas: approaches to the development of regional programs	Master student's research work, including implementation of master's thesis	The course includes business planning, budgeting, risk management. International experience of organization and entrepreneurial participation in managing local centers is interesting. <i>Entrepreneurial activity in rural areas: concepts, legal and organizational foundations, business culture, government support.</i> Entrepreneurship culture. Entrepreneurship in social sphere, animal husbandry, crop production, agricultural processing, AIC integration processes.	Have the ability to carry out an economic assessment of the state and prospects for the development of agriculture, ecology and the social sphere of rural areas, apply methods of involving the population in their development, apply methods for evaluating investment projects in economic/environmental/social aspects.	Economic analysis of the sustainability of economic entities in rural territories

M070 - «Economy»	7M04102 - «SARUD Sustainable Agriculture and Rural Development» Full-time (MS 2 years) semester	Economic analysis of the sustainability of economic entities in rural territories	EAUHS ST 6312	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Accounting and finance	2	1	Sustainable development of rural areas: approaches to the development of regional programs	Master student's research work, including implementation of master's thesis	The course is aimed at developing skills in using of rural territories economic entities sustainability's economic analysis methods and their application at different stages of developing process and making managerial decisions, obtaining practical skills in analyzing and evaluating various areas of economic, financial and investment activities	Analyze information and choose methods of scientific research to identify problems at various levels of the economy in general and at AIC enterprises in particular, suggest ways to solve them, taking into account the operation of economic laws.	Organization of rural entrepreneurship activity
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