



CONFIRM
 NCJSC "Kazakh Agrotechnical Research University by S. Seifullin"
 Dean of the Faculty of Economics
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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»	7M04117 - «Agrarian business»	Full-time (MS 2 years) semester	Climate Change and Sustainable Development	IKUR 5206	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Economy	1	2	Agricultural and Resource Economics	Entrepreneurship in the agricultural sector	Formation of a holistic view of the basic laws of sustainable development of nature and society and climate change. Study of the basic laws of the functioning of living organisms, ecosystems of various levels of organization, the biosphere as a whole and their stability; - analysis of the range of problems associated with anthropogenic (man-made) impact on the environment	Understand key concepts of sustainable development, acquire skills in data analysis and climate change modeling, and be able to effectively address the challenges of climate change and apply the principles of sustainable development in various fields.	World markets for food and agricultural products
M070 - «Economy»	7M04117 - «Agrarian business»	Full-time (MS 2 years) semester	World markets for food and agricultural products	MRPSP 5206	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Economy	1	2	Agricultural and Resource Economics	Entrepreneurship in the agricultural sector	Mastering theoretical and practical knowledge, the formation of economic thinking, general cultural and personal qualities, the acquisition of skills and abilities in the field of world markets for food and agricultural products, the ability to apply them in the field of future professional activity	Markets Master the analysis of global food and agricultural markets, the ability to predict and respond to changes in these markets, and an understanding of the relationships between politics, economics and agriculture on a global scale.	Climate Change and Sustainable Development
M070 - «Economy»	7M04117 - «Agrarian business»	Full-time (MS 2 years) semester	Methodology of scientific research	MINI 5207	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Economy	1	2	History and philosophy of science	Master's research work, including internship and master's thesis	It allows you to gain knowledge on the basic theoretical provisions, technologies, operations, practical methods and techniques for conducting scientific research based on modern achievements of domestic and foreign scientists and master the skills of choosing a topic for scientific research, scientific search, analysis, experimentation, data processing, obtaining reasonable effective decisions using information technology	Master methodological approaches, skills in formulating hypotheses, analyzing literature, applying scientific methods and statistics, as well as the ability to ethically conduct research and present results in a scientific form.	Forecasting and strategic planning in agribusiness

M070 - «Economy»	M070 - «Economy»	M070 - «Economy»	M070 - «Economy»	M070 - «Economy»	M070 - «Economy»	M070 - «Economy»
7M04117 - «Agrarian business»	7M04117 - «Agrarian business»	7M04117 - «Agrarian business»	7M04117 - «Agrarian business»	7M04117 - «Agrarian business»	7M04117 - «Agrarian business»	7M04117 - «Agrarian business»
Full-time (MS 2 years) semester	Full-time (MS 2 years) semester	Full-time (MS 2 years) semester	Full-time (MS 2 years) semester	Full-time (MS 2 years) semester	Full-time (MS 2 years) semester	Full-time (MS 2 years) semester
Risk management in agribusiness	Business Planning in Agribusiness	Econometrics (advanced)	Econometrics (advanced)	Economic and mathematical modeling of agribusiness	Forecasting and strategic planning in agribusiness	
URA 6310	BPA 6310	EPU 6208	EPU 6208	EMMA 6208	PSPA 5207	
AS	AS	BS	BS	BS	BS	
Elective subjects	Elective subjects	Elective subjects	Elective subjects	Elective subjects	Elective subjects	
4.0	4.0	5.0	5.0	5.0	5.0	
Master's program by specialization (Scientific & pedagogical direction)	Master's program by specialization (Scientific & pedagogical direction)	Master's program by specialization (Scientific & pedagogical direction)	Master's program by specialization (Scientific & pedagogical direction)	Master's program by specialization (Scientific & pedagogical direction)	Master's program by specialization (Scientific & pedagogical direction)	Master's program by specialization (Scientific & pedagogical direction)
Economy	Economy	Economy	Economy	Economy	Economy	Economy
2	2	2	2	2	1	1
1	1	1	1	1	2	2
Agricultural and Resource Economics	Agricultural and Resource Economics	Modeling, analysis and choice of economic decisions in business	Modeling, analysis and choice of economic decisions in business	Modeling, analysis and choice of economic decisions in business	History and philosophy of science	History and philosophy of science
Research practice	Research practice	Research practice	Research practice	Research practice	Research practice	Research practice
The discipline examines the issues of risk management in enterprises engaged in entrepreneurship in agriculture and the agro-industrial complex. studies the essence of various categories, terms used in this area, risk as a factor of entrepreneurial activity, the concept of risk management, risk identification.	Within the framework of the discipline, the essence of business planning, types of business planning, programs used in business planning, a description of the enterprise and its environment, a product description and a marketing plan, an organizational plan of the enterprise, a production plan, a financial plan, project effectiveness and risk analysis are studied.	Development of analytical and algorithmic thinking; formation of an idea of the theoretical foundations of modern econometric methods of data analysis, familiarization with the widest possible range of data analysis tools describing economic processes, the formation of skills for using these tools in practice	Development of analytical and algorithmic thinking; formation of an idea of the theoretical foundations of modern econometric methods of data analysis, familiarization with the widest possible range of data analysis tools describing economic processes, the formation of skills for using these tools in practice	To teach students to make economic and mathematical modeling of agribusiness, to find optimal solutions with their subsequent analysis and implementation in practice. The use of economic and mathematical methods by specialists in practical work in agribusiness will lead to an increase in the level of validity of management decisions and increase its efficiency in general	The discipline forms knowledge about the essence, principles and features of forecasting and strategic planning in agribusiness. Various approaches to the organization of the process of forecasting and strategic planning at the enterprises of the agro-industrial complex are considered, the main indicators that are determined during this process are studied	The discipline forms knowledge about the essence, principles and features of forecasting and strategic planning in agribusiness. Various approaches to the organization of the process of forecasting and strategic planning at the enterprises of the agro-industrial complex are considered, the main indicators that are determined during this process are studied
Be able to identify, analyze and effectively manage risks to ensure the sustainability and success of agricultural enterprises.	Be able to develop effective plans for the development of agricultural enterprises, taking into account financial, production and sustainable strategies.	Expertise in complex models, accurate parameter estimates, hypothesis testing, forecasting and time series analysis.	Expertise in complex models, accurate parameter estimates, hypothesis testing, forecasting and time series analysis.	Be able to create and apply mathematical models for forecasting, optimization and analysis in agribusiness.	Be able to develop effective development strategies, predict market trends, analyze operational and financial data, assess risks and successfully implement business plans in the agricultural sector.	Be able to develop effective development strategies, predict market trends, analyze operational and financial data, assess risks and successfully implement business plans in the agricultural sector.
Business Planning in Agribusiness	Risk management in agribusiness	Economic and mathematical modeling of agribusiness	Economic and mathematical modeling of agribusiness	Econometrics (advanced)	Methodology of scientific research	Methodology of scientific research

M070 - «Economy»	M070 - «Economy»
7M04117 - «Agrarian business»	7M04117 - «Agrarian business»
Full-time (MS 2 years) semester	Full-time (MS 2 years) semester
Contract Law in the Context of Digital Transformation of Agribusiness	Human Resource Management in Agribusiness
DPUCTA 6311	UCHRA 6311
AS	AS
Elective subjects	Elective subjects
3.0	3.0
Master's program by specialization (Scientific & pedagogical direction)	Master's program by specialization (Scientific & pedagogical direction)
Economy	Economy
2	2
1	1
Agricultural and Resource Economics	Agricultural and Resource Economics
Research practice	Research practice
The discipline involves the formation of students' knowledge about the modern conditions of agribusiness, in which special attention is paid to digital transformation, about the basics of contract law and the peculiarities of its application in the new realities. The issues of correct execution of contracts, as well as the consequences arising from contractual relations, are considered.	In the process of studying the discipline, various aspects of human resource management in organizations operating in the fields of agriculture and the agro-industrial complex are considered. The best practices of human resource management at enterprises of different sizes, the results of research in this area are studied.
Be able to effectively apply contract law in the digital transformation of agribusiness, including the creation and analysis of digital contracts, managing legal risks in the digital space and compliance with data protection laws.	Learn skills for effective personnel management, development of teamwork, and creation of conditions for the maximum contribution of employees to the success of agricultural enterprises.
Human Resource Management in Agribusiness	Contract Law in the Context of Digital Transformation of Agribusiness