

Ministry of Agriculture of the Republic of Kazakhstan
S.Seifullin Kazakh Agrotechnical University

Reviewed by
at the meeting of the University
Academic Council

Protocol number _____
dated «__» _____ 2022

Approved by
Chairman of the Board
S.Seifullin Kazakh Agrotechnical
University

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EDUCATIONAL PROGRAM

«Agrarian Management»
(name of the program)

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

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

Code in International Standard Classification of Education: 0410

Degree: Master of Economic Sciences on the educational program 7M041 "Agrarian Management"

Term of Training: 2 years

Nur-Sultan 2022

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Educational program 7M041 "Agrarian Management"

Was reviewed at a meeting of the Department of management and marketing Protocol No. __ of _____ «__», 2022,

Was approved by the Faculty Council Protocol No. __ of _____ «__», 2022,

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Content

№	The Name of the Component	Page
1.	Passport of the educational program	4
2.	General characteristics of the educational program	4
3.	Competency model (portrait) of the graduate	4
4.	Base of the professional practice	6
5.	Structure of the educational program	7
6.	Appendix 1. Academic calendar	9
7.	Appendix 2. Working curriculum	10
8.	The relationship between the achievability of the formed learning outcomes according to the educational program and academic disciplines	13

1 Passport of the educational program

1.1 The aim of the educational program

The purpose of training in the program "Agrarian Management" is to prepare masters for applied agriculture management, which is qualified for its theoretical and practical knowledge, independently and responsibly, in a wide range of tasks in the field of agriculture and ready to take over the leadership and advice of agricultural enterprises, as well as to represent this area of knowledge in agricultural research, agricultural management companies and service companies, as well as scientific research orientation of the program allows us to become a teacher in the field of education and training.

The objectives of the program: the formation of the ability to work with scientific and technical information, to use domestic and foreign experience in professional activities, to systematize and synthesize the information obtained; the formation of core professional competencies in future specialists in the field of management theory and practice; creating prerequisites for independent research and research activities of the graduates at all stages of preparation and the possibility of building their own educational trajectory, taking into account the success in personal and professional activities in the field of management

1.2 Learning outcomes

RO1 Effectively lead a team in the field of their professional activities, tolerantly perceiving social, ethical, confessional, cultural and linguistic skills to work in the international market.

PO2 Analyze, verify information, evaluate its completeness in the course of professional, including pedagogical activity, reflect on the mastered scientific methods and methods of activity.

PO3 Apply the skills of pedagogical mastery, the art of presentation, critical analysis of the state of the problem

RO4 Develop strategies, plan the production activities of agricultural enterprises and implement measures aimed at their implementation

RO5 Analyze the political side and behavior of consumers of economic goods, form supply and demand in the agro-industrial complex of export- and import-oriented international trade.

PO6 The ability to assess agricultural policy in the general economic and general political system, to assess the institutional implementation of agro-political strategies / tools and their targeted use to influence the agricultural sector.

RO7 Apply various approaches to human resource management, both as an individual and as a group, possess methods and technologies for planning and implementing a personnel strategy.

RO8 The ability to solve complex tasks and problems in the field of agricultural management, to use the experience of the production of crop and livestock industries of leading countries, to implement an innovative approach from the operation of agricultural machinery, to manage production in accordance with modern management technologies

RO9 Analyze the main production and economic relationship at the enterprise level, apply methods of enterprise activity planning and investment calculation for independent processing of all tasks of analysis, planning and financing of an agricultural enterprise.

RO10 Be able to develop concepts for the development of organizational and personal management, have the skills to analyze annual balance sheets, production indicators and cost estimates for the development of a controlling system at the enterprise, as well as develop and present consulting proposals.

RO11 Use electronic data processing systems as a tool for rationalizing production processes such as management, planning and control and use them to create information proposals, be able to apply methods of applied empirical social research, basic statistical techniques, be able to calculate, evaluate and present the results of the analysis of the company's activities.

RO12 Analyze the production process at the enterprise, be able to calculate and evaluate the investment plan of the economy and the most important indicators of production as profitability, liquidity, stability of the enterprise

2 General characteristics of the educational program

The educational program “Agricultural Management” is accredited by the International Commission of the ACQUIN Institute for Accreditation, Certification and Quality Assurance until September 2021 and is a joint program of double-diploma training with the University of Applied Sciences Weinstephan-Triesdorf (Germany).

The program is distinguished by its practice-oriented and high level of independent work of undergraduates. It was developed in conjunction with the teachers with many years of practical experience, agrarian industrialists and focused on the strengths of the agricultural education in Germany and Kazakhstan. In the process of learning, the main bias is on interactive forms (seminars, presentations, practices) and practical content (real research) in order to eventually get well-developed qualified graduates who meet modern professional requirements. Independent specialized training of students ensures the availability of a wide range of subjects to choose from.

The program is aimed at training qualified, competitive professionals and managers, which contributes to the development of efficient and sustainable production systems in the agricultural sector, as well as the development of agricultural regions.

The following participants are involved in the implementation of the master’s educational program: teachers and professors from the University of Applied Sciences Weienstephan-Triesdorf (Germany); famous scientists - agrarians; management practitioners with extensive experience in administrative and managerial work (managers, directors, heads of departments and divisions).

3 Competency model (portrait) of the graduate

3.1 Spheres of professional activities:

- organizations of any legal form (commercial, non-profit, government), as performers or managers in various services of the administrative apparatus;
- structures in which graduates are entrepreneurs who create and develop their own business;

- research organizations related to solving management problems;
- institutions of higher and additional professional education.

3.2 Types of professional activity:

- organizational and managerial: management of organizations, departments, groups (teams) of employees, projects; development strategies for the development of organizations and their individual units;

- analytical: search, analysis and evaluation of information for the preparation and adoption of management decisions; analysis of existing forms of management organization; development and justification of proposals for their improvement; analysis and modeling of management processes;

- research: identification and formulation of relevant scientific problems; development of research programs, organization of their implementation; development of research methods and tools and analysis of their results; development of organizational and managerial models of processes, phenomena and objects, evaluation and interpretation of results; search, collection, processing, analysis and systematization of information on the research topic; preparation of reviews, reports and scientific publications;

- pedagogical: teaching management disciplines; development of educational programs and teaching materials.

3.3 General education competencies

- To lead a team in the field of their professional activity, tolerantly perceiving social, ethical, confessional, cultural and linguistic skills to work in the international market.

- Analyze, verify information, evaluate its completeness in the course of professional, including pedagogical activity, reflect on the mastered scientific methods and methods of activity.

- Apply the skills of pedagogical mastery, the art of presentation, critical analysis of the state of the problem, be able to apply the basics of basic and professional knowledge, methods of scientific research and academic writing, observe the principle of academic integrity.

3.4 Basic competencies:

- Be able to solve complex tasks and problems in the field of agricultural management, use the experience of the production of crop and livestock industries of leading countries, implement an innovative approach to the use of agricultural machinery, be able to manage production in accordance with modern management technologies.

- Be able to develop concepts for the development of organizational and personal management, have the skills to analyze annual balance sheets, production indicators and cost estimates for the development of a controlling system at the enterprise, as well as develop and present consulting proposals.

- use electronic data processing systems as a tool for rationalizing production processes such as management, planning and control and use them to create information proposals, be able to apply methods of applied empirical social research, basic statistical techniques, be able to calculate, evaluate and present the results of the analysis of the company's activities.

3.5 Professional competencies:

-Be able to solve complex tasks and problems in the field of agricultural management, use the experience of the production of crop and livestock industries of leading countries, implement an innovative approach to the use of agricultural machinery, be able to manage production in accordance with modern management technologies.

- Be able to develop concepts for the development of organizational and personal management, have the skills to analyze annual balance sheets, production indicators and cost estimates for the development of a controlling system at the enterprise, as well as develop and present consulting proposals.

- use electronic data processing systems as a tool for rationalizing production processes such as management, planning and control and use them to create information proposals, be able to apply methods of applied empirical social research, basic statistical techniques, be able to calculate, evaluate and present the results of the analysis of the company's activities.

4 Base of professional practice

Pedagogical practice is organized with the aim of developing postgraduates the skills to develop a training course, independent conducting seminars and practical training sessions, as well as gaining experience in organizational and educational work. Pedagogical practice of undergraduates is a mandatory part of the educational program of higher vocational education and is conducted in accordance with the approved working curriculum and schedule of the educational process. Pedagogical practice is organized with the aim of developing undergraduates the skills to develop a training course, independently conducting seminars and practical training sessions, as well as gaining experience in organizational and educational work.

Research practice is a form of professional training of postgraduates for scientific-pedagogical and scientific activities, which is a type of practical activity of undergraduates related to conducting research in the framework of a chosen topic of the research work. The objects of master's research practice are various organizations of the economic, industrial and social sphere, divisions of the management system of state-owned enterprises, joint-stock companies and private firms, as well as higher education institutions. It also extends to research and production associations, scientific, design and constructive organizations, government bodies and the social infrastructure of the national economy. The university has concluded agreements with the enterprises for postgraduates. The main bases of practice for the graduates of the educational program "Agricultural Management" in teaching practice are S. Seifullin KATU, scientific and research institutes and centers of LLP "Research Institute of Economics of the AIC and PCT", "Kazakh Research Institute of Agricultural Products Processing", subsidiaries of "NUH" KazAgro "JSC, "Damu" foundation, holdings, large agricultural enterprises "Rodina" , Novokubanskoe, joint ventures and others.

5 The structure of the educational program of the magistracy in the scientific and pedagogical direction

№ п/п	The name of the cycles of disciplines and activities	Total labor intensity	
		in academic hours	in academic credits
1	2	3	4
1.	Theoretical training	2520	84
1.1	The cycle of core disciplines (CD)	1050	35
1)	University component (UC):	600	20
	including:		
	History and philosophy of science	150	5
	Foreign language (professional)	150	5
	Higher School Pedagogy	90	3
	Psychology of management	150	5
	Teaching practice	60	2
2)	Elective component (EC)	450	15
	Plant Cultivation Workshop	90	3
	Seminar on Animal Breeding	90	3
	Seminar on Agrarian Engineering	90	3
	Enterprise Development Concept / Strategic Management	180	6
1.2	The cycle of the profile disciplines (PD)	1470	49
1)	University component (UC)	1170	39
	Business Management	150	5
	Workshop on production Economics	150	5
	Enterprise Planning	150	5
	Company management and controlling	120	4
	Economic Informatics and Empirical Social Research	150	5
	Project Planning and Evaluation	150	5
	Workshop Agrarian Policy	150	5
	Strategies for International Agricultural Marketing	150	5
2)	Elective component (EC)	300	10
	Management Consulting / Agrotechnical Consulting	150	5
	Cooperative Forms of Management / Product Quality Management	150	5
3)	Research practice	150	5
2	Scientific and research work	720	24
1)	Master's research work including internships and the implementation of a master's thesis (R & D)	720	24
3	Additional types of training (ATT)		
4	Final examination (FE)	360	12
1)	Registration and defense of the master's thesis (R&DMT)	360	12
	Total	3600	120

