

REVIEWED

At a meeting of the faculty council Minutes
Protocol No. 7 dated “ 26 ” 01 2024.



I APPROVE

Dean of the Faculty of Economics

Sabyrova Madina

dated “ 26 ” 01 2024

PLAN
DEVELOPMENT OF THE EDUCATIONAL PROGRAM
"7M04102" Sustainable agriculture and rural development" – SARUD
for 2024-2029

Considered at an extended meeting of the Department of Economics
Protocol No. 6 dated “ 16 ” 01 2024.

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1 Passport

Development plan for the master's degree program "Sustainable Agriculture and Rural Development" - SARUD

The educational program "Sustainable Agriculture and Rural Development" - SARUD responds to the need for practice-oriented education in the field of sustainable agriculture and rural development, and also reflects the need for the development, implementation and administration of programs for integrated and sustainable rural development.

The main goal of rural development is to ensure income for residents in these regions. This means maintaining the resource potential of primary producers of goods and services as a necessary basis for income diversification through the optimization of value chains based on the sustainable use of resources.

Sustainable agriculture produces products that use resources efficiently and preserve the natural potential of ecosystems. Agricultural production systems need to be assessed in terms of how well they meet natural resource requirements and how they contribute to the socio-economic environment.

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| 1 | Reasons for developing an EP development plan | Seifullin KATU Strategic development plan |
| 2 | Main developers of the EP development plan | 1. Temirova A.B. – Ph.D., Head of the Department of Economics 2. Mukhambetova Z.S. – Ph.D., acting professor 3. Tolysbaeva M.S. - Ph.D. in Economics, Associate Professor 4. Kulbatyrov N.N. - Deputy General Director of JSC "Center for Trade Policy Development" Qaztrade |
| 3 | Time frame for implementing the EP development plan | 2024-2029 |
| 4 | Volume and sources of funding | Financing from the state budget, attraction of external sources of financing. The amount of funding for the EP "Sustainable Agriculture and Rural Development" - SARUD is determined taking into account the formation of a contingent of students on a paid basis (at the expense of master's students' own funds) and on the basis of the sources of implemented and financed projects of the department (in terms of providing MTB). |
| 5 | Expected final results of the implementation of the EP | OP "Sustainable Agriculture and Rural Development" - SARUD is built on enhanced |

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| | development plan | integration of educational, methodological and research activities, which is focused on training scientific and pedagogical personnel with a high level of knowledge, skills, abilities and competencies. |
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2. Analytical justification of the OP

Educational program 7M04102 “SARUD Sustainable Agriculture and Rural Development” responds to the need for practically oriented education in the field of sustainable agriculture and rural development, and also reflects the need for the development, implementation and administration of programs for integrated and sustainable rural development.

With the support of practicing partners, Russian and Kazakh universities have introduced a new master's curriculum in sustainable agriculture and rural development in three specialties: economics, agronomy, and public and municipal management.

SARUD responds to the need for practice-oriented education in the field of sustainable agriculture and rural development, and also reflects the need for the development, implementation and administration of programs for integrated and sustainable rural development.

The main goal of rural development is to ensure income for residents in these regions. This means maintaining the resource potential of primary producers of goods and services as a necessary basis for income diversification through the optimization of value chains based on the sustainable use of resources.

The purpose of the educational program is to prepare masters who have the knowledge necessary for professional activities about the principles of sustainable agriculture, the features of the development of rural areas, who are able to analyze the factors and conditions of sustainable development, as well as apply various tools for making management decisions and developing strategies for the sustainable development of business entities and rural areas communities.

Objectives of the educational program:

- training highly qualified specialists with professional competencies in the field of economics and organization in the agro-industrial complex;
- training of scientific and pedagogical personnel capable of applying modern methods of research and teaching, the necessary digital technologies in practical activities;
- training of specialists capable of analyzing and modeling business processes for making strategic decisions by enterprises;
- training of specialists who are able to independently organize research, develop recommendations and proposals aimed at solving problems of agribusiness, improving the economic policy of the state.
- development of professional master's programs in sustainable agriculture and rural development, taking into account the needs of the regions for professionals for government agencies, local administrations, farms and private organizations;

- creation of a knowledge platform on sustainable agriculture and rural development, taking into account local and international experience;
- formation and strengthening of competencies and interregional connections of universities to provide target group-oriented education in the field of rural development.

The relevance of the educational program "SARUD Sustainable Agriculture and Rural Development" is due to the growing demand for economists - professionals in planning the activities of enterprises and organizations of various forms of ownership and management. No company can exist without economists - after all, as soon as a company appears, the need for planning immediately appears. Therefore, we can say that today an economist is one of the main and most in demand professions.

Features of the program. Master's studies are conducted by highly qualified teaching staff, including invited foreign professors from leading foreign universities. Master's students will be trained in the most modern methods of scientific economic analysis.

Competitive advantages. The educational program is based on scientific seminars, guest lectures, and master classes by famous scientists and practitioners. Scientific and economic research is carried out on the basis of the existing infrastructure of the university. The effective implementation of research activities is facilitated by the functioning of specialized teaching and research rooms and affiliated organizations of the university.

Uniqueness. The educational program "SARUD Sustainable Agriculture and Rural Development" is built on the enhanced integration of educational, methodological and research activities, which is focused on training scientific and pedagogical personnel with a high level of knowledge, skills, abilities and competencies. The program is based on professorial scientific seminars, proprietary courses, guest lectures, and master classes by famous scientists and practitioners.

Stakeholders. The educational program meets the expectations of stakeholders, the goals and objectives of the university. The implementation of the program will allow students to acquire new knowledge, the teaching staff to effectively organize the educational process, and to train personnel for stakeholders, including the state and business entities.

The educational program "Sustainable Agriculture and Rural Development - SARUD" was considered at a meeting of the Department of Economics, protocol No. 11 dated "_10_" April_ 2023,

The educational program "Sustainable Agriculture and Rural Development - SARUD" was approved at a meeting of the Faculty Council: protocol No. 10 dated April 24, 2023.

Types of professional activities

Master in the field of study 7M041 Business and management under the educational program "SARUD Sustainable Agriculture and Rural Development" - prepares for the following types of professional activities:

- organizational and managerial;
- information and analytical;
- entrepreneurial.

Master in the field of preparation 7M041 Business and management under the educational program "Sustainable Agriculture and Rural Development" - SARUD must be prepared for professional activities that ensure rational management of the economy, production and social development of enterprises of all organizational and legal forms, taking into account industry specifics, technology, production organization, efficient use of natural resources in positions requiring basic economic education and professional knowledge of industrial economics and enterprise economics.

General educational competencies

A master's student must have general educational competencies that reflect learning outcomes that characterize the student's abilities:

- demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study;
- use knowledge, understanding and abilities at a professional level to solve problems in the field of study, taking into account an interdisciplinary approach;
- collect and systematize information to form judgments taking into account social, ethical and scientific views;
- have the learning skills necessary to independently continue further education in the field of study.

Basic competencies

The educational program provides for broad basic professional training, which should be aimed at achieving fundamental subject knowledge of future specialists. This should provide the undergraduate with a general integral methodology of professional activity, develop the ability of future specialists for professional creativity, and create a need for further improvement of the educational level.

The hierarchy of goals involves a transition from the fundamental principles of classical education to basic disciplines of an economic nature and further to highly specialized disciplines of sustainable agriculture and rural development.

The educational program "SARUD Sustainable Agriculture and Rural Development" contains:

- 1) theoretical training, including the study of cycles of basic and major disciplines;
- 2) additional types of training – various types of professional practices, scientific research work of a master's student;
- 3) intermediate and final certifications.

The study of the cycle of basic disciplines is aimed at forming a body of fundamental knowledge in general theoretical, economic and management

disciplines. Understanding the relationship between theoretical analysis and empirical data.

The cycle of major disciplines is focused on studying the key theoretical aspects of sustainable agriculture and rural development, theoretical and practical aspects of management at the macro, meso and micro levels.

Educational program "SARUD Sustainable Agriculture and Rural Development" for the training of management personnel with modern knowledge and skills in the field of business, capable of managing processes and human resources, forming a company strategy, being able to identify strategic and operational objectives and achieving them using scientific tools.

Graduates of the training direction 7M041 Business and management under the educational program "Sustainable Agriculture and Rural Development" - SARUD are in demand in large organizations and institutions of Astana and other cities of Kazakhstan, the Ministry of Agriculture of the Republic of Kazakhstan, KazAgroFinance JSC, AKMOL HOLDING Group of Companies JSC ", Housing Construction Bank of Kazakhstan JSC, Agrofirma Rodina LLP, Akmola Kurylys Materialdary LLP, Agrofirma Aktyk LLP, AKA LLP, BI Group LLP, Tsesna-Astykh Concern LLP, Soyuz ALE commodity exchanges of the Republic of Kazakhstan "Otan", LLP "Gazcenter", "National infocommunication holding "Zerde" and others.

In addition, many graduates are akims of regions and districts, and heads of national companies.

Base of professional internships

Research practice for a master's student is a mandatory stage of the main master's program, after completing the trimester and passing exams. Doing an internship means conducting research work on the basis of a specific enterprise. This is a good opportunity to consolidate the acquired theoretical knowledge and develop skills in their practical application. The amount of work to be done and the internship schedule are established by the Curriculum. The student can choose an enterprise where he or she can do an internship on his or her own. The practical training base is selected in accordance with the scientific interests of the undergraduate. The main bases of practice for master's students of the educational program "Sustainable Agriculture and Rural Development" - SARUD are such organizations as Novokubanskoye LLP, Astana Onim JSC, Rodina AF and others.

Upon completion of the internship, a report is written and submitted to the department to the supervisor. There are certain requirements for preparing a report. The master's student's practice is assessed on the basis of his reporting documentation. During his activities, he must keep regular entries in a diary about the stages of his research work. During their practical training, master's students collect material about the organization's activities, which is then used to write a report and prepare a master's thesis.

The main partner universities in the implementation of joint scientific projects, increasing academic mobility, and organizing scientific internships are: Agricultural University of Plovdiv (Bulgaria), Omsk State Agrarian University.

P.A. Stolypin (Russia), Higher Agricultural School of Angers (France), within the framework of International Credit Mobility under the EU Erasmus+ program, etc. This model of training undergraduates is one of the most effective.

2.2. Information about students

OP "Sustainable Agriculture and Rural Development" - SARUD is aimed at meeting the needs of society for qualified and competitive economists in the field of business economics.

Currently, 8 master's students are studying in the direction of training 7M041 Business and Management under the educational program "Sustainable Agriculture and Rural Development" - SARUD (scientific and pedagogical direction). There are 4 master's students in the 2nd year, 4 master's students in the 1st year.

2.3. Internal conditions for the development of EP

To ensure the effectiveness of the implementation of the EP "Economics and Organization in the Agro-Industrial Complex", the department uses the material and technical base at its disposal: a total of 7 classrooms, of which there are 2 lecture classes, 2 computer classes, 2 classrooms.

Currently, the educational process uses 16 personal computers (equipment), 5 interactive whiteboards, and 5 projectors.

In general, the training area used in the process of training students in the specialty fully complies with sanitary and fire safety standards, regulatory indicators "Educational and material assets of higher educational institutions."

UMKD for the educational program in structure and content are compiled taking into account practice orientation, an interdisciplinary approach and taking into account the purpose and results of training, complies with the general requirements for the preparation of UMKD, and within the framework of credit technology of education.

The level of development of educational and methodological complexes regulates the general requirements for the preparation of students, technologies for organizing the management and support of the educational process, the content and organization of the final certification of students, taking into account the requirements of employers.

2.4. Characteristics of the surrounding society

Partner-employers participate in the implementation of the EP "Sustainable Agriculture and Rural Development" - SARUD, who ensure the organization of all types of professional practice in accordance with the approved end-to-end practice program and generally meet the qualification requirements for training specialists in this profile. Issues of vocational training, professional practice and employment of graduates are resolved at the department with the mandatory participation of employers. Every year the department hosts round tables, in which managers and representatives of commercial structures, banks, and industrial enterprises take part. The department organizes meetings with graduate employers, practical

workers, seminars with representatives of the company AKA LLP, Qaztrade Trade Policy Development Center JSC, joint meetings of the department are held. Employers periodically review the educational trajectories of student training in order to include new ones in the EP structure elective courses that provide for the formation of competencies that are significant for future work activity.

2.5. Information about teaching staff implementing the educational program.

The educational program is implemented by the teaching staff of the Department of Economics with a total contingent of 24, incl. professors - 2, associate professors (associate professors) - 13. The degree of teaching staff in the EP is 100%.

The department employs teachers who are winners of the competition "Best University Teacher" - 3 people, holders of the international scholarship "Bolashak" - 4 people, certified teachers in the courses taught in this EP, teachers annually undergo advanced training courses at the republican and international levels of universities, foundations, enterprises and on the basis of NPP "Atameken".

Individual teachers - practitioners will be involved who have practical experience in the field of entrepreneurship.

At the department, the formation of scientific and pedagogical personnel is carried out through the training of masters and PhDs in the educational program "Economics", "Economics and Organization in the Agro-Industrial Complex".

2.6 Characteristics of EP achievements

The educational program was developed jointly with employers, with the direct participation of the Deputy General Director of JSC "Center for Trade Policy Development" Qaztrade N.N. Kulbatyrov.

Based on the result of an external examination by the Center for the Bologna Process and Academic Mobility, the EP was included in the register of educational programs of the Ministry of Education and Science of the Republic of Kazakhstan.

EP "" is accredited by the Agency for Quality Assurance of Education IAAR - 2019.

3. Characteristics of the problems that the EP development plan is aimed at solving, and justification for the need to solve them

Lack of practice-oriented specialists in the labor market in the field of business economics, low level of attracted practitioners from business structures for the implementation of EP, decreased participation in the development of funded research topics, weak and insufficient development of internal and external academic mobility of students, decreased publication in cited journals, insufficient participation of teaching staff in scientific research.

4. The main goals and objectives of the EP development plan, indicating the timing and stages of its implementation

The main goal of the EP development plan is to improve the methodology for developing EP and ensuring the sustainability of the implementation of the EP "Sustainable Agriculture and Rural Development" - SARUD in the context of ensuring its competitiveness in the educational services market.

Tasks:

1. Ensuring that the content of the EP meets the requirements of the labor market and employers;

2. Formation of professional competencies based on analysis of the labor market and graduate model in order to determine the competitive advantages of graduates of the department in this EP.

3. Creation of prerequisites for independent search and research activities of the student as part of the experiment at all stages of training.

4. Improvement and improvement of conditions for obtaining full-fledged, high-quality vocational education.

5. Measures to reduce the impact of risks for EP

1. Active participation of undergraduates and teachers in scientific projects financed by the State Fund of the Ministry of Education and Science of the Republic of Kazakhstan, economic contract research;

2. Participation of employers in improving the educational program;

3. Attracting qualified specialists from production and scientists from foreign universities to educational activities;

4. Organization of advanced training and retraining of university teaching staff through international and republican programs.

5. Updating the EP to provide undergraduates with relevant competencies in demand in the professional and academic labor markets

6. Strengthening the academic mobility of teaching staff and students.

6. Action plan for the development of educational programs

| | Name of events | Implementation timeline | Expected results Resource support | Expected results Resource support | Resource support |
|---|---|-------------------------|-----------------------------------|-----------------------------------|---------------------|
| 1 | Improving educational programs with the participation of potential employers - domestic and foreign | 2026 -2027 | Department | EP | No funding required |
| 2 | Improving the qualifications and qualifications of teaching staff through internships in the Republic of Kazakhstan and abroad | Constantly | Department | Certificates | Funding required |
| 3 | Activation of connections with foreign scientists in order to implement joint scientific research and prepare educational and methodological literature | Constantly | Department | Current projects | Funding required |
| 4 | Involving leading domestic and foreign scientists and employers to give lectures | Constantly | Department | Lessons conducted | Funding required |
| 5 | Publication of teaching staff and undergraduates in journals recommended by CQAFSHE | Constantly | Department | Publications | Funding required |

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| 6 | Involving undergraduates to participate in scientific projects of departments | Constantly | Department | Publications | Funding required |
| 7 | Implementation of academic mobility of students and teachers | Constantly | Department | Training and internships at a foreign university, certificates | Funding required |
| 8 | Introduction of more effective forms of career guidance work | Constantly | Department | Increasing the number of students | No funding required |
| 9 | Regular submission of applications for replenishment of the library collection | Constantly | Department | Replenishment of the library fund, provision of educational materials for educational programs | Funding required |
| 10 | Timely repair of educational laboratories. | As needed | Department, Administrative department | Compliance of the material and technical base with modern requirements | Funding required |
| 11 | Increasing human resources through step-by-step training of teaching staff of the department in doctoral studies in the field | As needed | Department | Increasing teaching staff with academic degrees | On a paid basis, State order |
| 12 | Increasing the number of participants in competitions for grant funding of scientific projects. | Constantly | Department | Scientific projects | At the expense of the state budget |

7. Mechanism for implementing the EP development plan

The mechanism for implementing the EP development plan is determined taking into account the main tasks and activities for the implementation of this EP development plan.

8. Assessment of the socio-economic efficiency of the implementation of the EP development plan

When implementing an educational program development plan, it is effective to:

- the possibility of concluding a memorandum with universities from far and near abroad, included in the TOP-500 of the QS Ranking);
- formation of a contingent of students not only from Kazakhstan, but also from neighboring countries (Central Asia);
- creation of a modern educational, research and laboratory base within the framework of the content of the EP;
- the possibility of organizing professional practices on the basis of leading enterprises in foreign countries;
- training highly qualified scientific personnel through master's and doctoral studies (PhD) at the level of modern requirements.

9. EP graduate model

Learning outcomes are defined based on the Dublin Level 2 descriptors and expressed through competencies. Learning outcomes are formulated both at the level of the entire program and at the level of a module or individual discipline.

Second level descriptors suggest the ability to:

- 1) demonstrate developmental knowledge and understanding acquired at the higher education level that provides the basis or opportunity for the original development or application of ideas, often in the context of scientific research;
- 2) apply knowledge, understanding, and problem-solving ability to new or unfamiliar situations within the contexts and frameworks of broader (or interdisciplinary) fields related to the field of study;
- 3) integrate knowledge, cope with complexity and make judgments based on incomplete or limited information, taking into account the ethical and social responsibility for the application of these judgments and knowledge.

Future professionals will be able to acquire knowledge in the field of economics, management, social sciences, agronomy and ecology, gain access to local and international experience, learn to apply modern methods of land use planning and assessment of agroecosystems, as well as socio-cultural and natural resources. After completing the SARUD program, graduates will be able to independently apply rural development concepts to local conditions.

The master's student must have the following competencies:

- 1) know:
 - principles and structure of organizational activities;
 - psychology of cognitive activity of undergraduates in the learning process;

- psychological methods and means of increasing the effectiveness and quality of training;

2) be able to:

- use acquired knowledge for the original development and application of ideas in the context of scientific research;

- critically analyze existing concepts, theories and approaches to the analysis of processes and phenomena;

- integrate knowledge obtained within different disciplines to solve research problems in new unfamiliar conditions;

- by integrating knowledge, make judgments and decisions based on incomplete or limited information;

- carry out information-analytical and information-bibliographic work using modern information technologies;

3) acquire skills:

- research activities, solving standard scientific problems;

- implementation of educational and pedagogical activities on credit technology of education;

- methods of teaching professional disciplines;

- use of modern information technologies in the educational process;

- professional communication and intercultural communication;

- expanding and deepening the knowledge necessary for everyday professional activities and continuing education in doctoral studies.

Upon completion of training, graduates will be able to independently apply rural development concepts to local conditions.

Head of the Department of Economics



Temirova A.