

Kazakh Humanitarian Law Innovative University

**MODULAR EDUCATIONAL PROGRAM  
EDUCATIONAL PROGRAM 8D04105 - ECONOMICS**

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## 1. Explanatory note

The modular educational program (MOE) is compiled in accordance with the regulatory documents of the Republic of Kazakhstan: The Law of the Republic of Kazakhstan "On Education" dated 27.07.2007 with additions and amendments dated 21.02.19; The State mandatory standard of Education for all levels of Education, approved by Order of the Minister of Education and Science of the Republic of Kazakhstan No. 604 dated 31.10.2018 with amendments (Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 182 dated 05.05.20); Rules for organizing the educational process on credit technology of education, approved by Order of the Minister of Education and Science of the Republic of Kazakhstan dated 12.10.2018 No. 563; Standard rules of activity of educational organizations implementing educational programs of higher and (or) postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated 30.10.2018 No. 595; and normative documents of the University: MP.01.03/2018 "Methodological recommendations for the development of modular educational programs of postgraduate education (Master's degree in scientific and pedagogical direction)"; The rules of the ongoing monitoring of academic performance, intermediate and final certification of students at the Kazakh Humanitarian and Legal Innovation University, approved by the Rector of the University on 29.12.2018.

The MOS is designed as a set of sequential training modules for the entire period of study and is aimed at mastering the competencies necessary for awarding the academic degree of Doctor of Philosophy PhD in the educational program 8D04105 - "Economics".

The modules of the block of basic disciplines (DB) include disciplines of the university component (VC) - 20 credits, including pedagogical practice - 10 credits; elective components (CV) - 5 credits. Modules of these disciplines form a set of competencies: training of a highly qualified economist - Doctor of philosophy, ready for teaching, scientific and methodological, socio-pedagogical activities, having the necessary knowledge in the field of methodological foundations of scientific research in economics, teaching disciplines of the specialty, able to analyze source materials and draw conclusions.

The block of profile disciplines (PD) includes disciplines of the university component (VC) - 10 credits; elective components (CV) - 5 credits. Modules of these disciplines allow you to form a complex of key and special competencies acquired by a graduate: preparation of a specialist for creative, active, professional and social activities, high-quality performance of practical tasks in production; generalization and adaptation of positive foreign experience to domestic conditions; obtaining theoretical knowledge to solve practical problems and problems in production.

The research practice of doctoral students includes 10 credits.

Research work of doctoral students, including internships and doctoral dissertation - 123 credits.

The final state certification is 12 credits, including the preparation of a doctoral dissertation (10 credits) and the defense of a doctoral dissertation (2 credits). The criterion for the completion of the educational process is the development of 45

credits of theoretical training by doctoral students. The MOS consists of 8 modules, including all types of training (all practices and research) and the final state certification.

The purpose of OP 8D04105 Economics is to prepare PhD doctors of international level for scientific and pedagogical work in the field of developing theoretical and methodological provisions for the analysis of economic processes and systems, as well as professional activities related to the application and improvement of methods of modeling and forecasting economic and production processes in an innovative economy.

The mission of KazGUIU is to train competitive personnel with higher and postgraduate education in a wide range of areas focused on the industrial and innovative development of the region. The category "competitiveness of graduates" is directly and closely related to the quality of education and training in general.

The objectives of the modular educational program are to:

- obtaining a full-fledged, high-quality education, professional competence in the field of economics;
- acquisition of a high general intellectual level of development, mastery of literate and developed speech, humanitarian culture, high moral, ethical and legal norms, culture of thinking and skills of scientific organization of work;
- development of creative potential, initiative and innovation;
- selection of individual educational programs by doctoral students;
- providing targeted training on the orders of organizations;
- mastering fundamental courses at the intersection of economics and management sciences, guaranteeing them professional mobility at the international level;
- deepening of creative, practical and individual training of students in their chosen field of activity;
- development of doctoral students' ability to self-improvement and self-development, the needs and skills of independent creative mastery of new knowledge throughout their active life;
- training of specialists with a high level of professional culture, including the culture of professional communication, having a civic position, able to formulate and practically solve modern scientific and practical problems, successfully carry out experimental research, production activities.

The field of activity (application of knowledge and skills) of the graduate of the educational program 8D04105 is Economics. General scope of activity: state bodies, organizations and institutions of all types of property, research institutes and institutions, public administration bodies of market infrastructures.

Objects of professional activity: republican and local state bodies, property objects, enterprises by type of services - production and economic, marketing, financial, monitoring and expert institutions, research institutes, primary professional, secondary and higher professional educational institutions, universities.

According to the educational program 8D04105 - Economics, graduates can perform the following types of professional activities:

- educational: to teach economic and managerial disciplines in universities and other educational institutions of state and non-state profile;
- scientific: conduct research and development, carry out design and survey work, scientific and organizational activities in various fields of economics and in various financial institutions;
- production: to carry out organizational and technological activities in production institutions of the real sector of the economy and organizations for planning, preparation of investment, innovation and environmental management procedures; conducting foreign economic activities at enterprises and organizations.

Since a potential employer is interested in the fact that a graduate of the educational program 8D04105 – "Economics" who came to him is able to perform certain professional actions well in these areas, it is advisable to evaluate the results of training with the help of competencies.

## **2. The graduate's competence model**

The competence-based approach involves deep systemic transformations affecting the content, teaching, training, evaluation, links of higher education with other levels of vocational education, the introduction of the European System of transfer and accumulation of credits and the application of the European Structure of Higher Education Qualifications.

A graduate of the educational program 8D04105 - "Economics" is awarded an academic degree - Doctor of Philosophy (PhD) in the educational program 8D04105 Economics.

The learning outcomes are determined on the basis of the Dublin Descriptors of the third level (doctoral studies) and are expressed through competencies. Learning outcomes are formulated both at the level of the entire program and at the level of a module, a separate discipline.

Competencies that a graduate should have after mastering a modular educational program: social, economic, ethical, communicative, informational, intellectual, special, etc.

The general competencies of the KazGUIU graduate are formed on the basis of the requirements for general education, socio-ethical competencies, economic and organizational and managerial competencies, special, professional competencies.

General and professional competencies, as learning outcomes, are the knowledge, skills and abilities acquired upon completion of a discipline or course and reflecting the requirements:

- Is able to compare promising areas of scientific research in the subject area of professional activity, determine the composition of research papers, divide the structure and stages of research, criticize targeted programs of scientific and

practical activities, apply empirical methods for conducting qualitative research, characterize the mechanism of economic growth and make its models.

- Able to use didactic methods of teaching economic disciplines, design and construct educational material. He is able to analyze pedagogical technologies to select the most optimal ones in the process of teaching economic disciplines and implementing pedagogical tasks.

- Able to recommend the structure and stages of research, in order to critically analyze the problem of research. Generalize the results of information sources, develop methodological foundations of applied research. Choose analytical tools, distinguish empirical research methods.

- Is able to organize and implement the process of scientific research, formalizing the results of scientific activity for entering them into databases. Able to determine the structure of the article and prepare it for publication. Able to work with scientometric databases and their applications, such as Web of Science and Scopus.

- To assess the trends of economic integration development of the economies of countries. To characterize the economic situation of countries and the main trends of their development; to describe the features of the new architecture of global governance. Distinguish between the main types, stages and scenarios of the development of the world market forecast, as well as the factors of the formation of the world market and their main economic indicators.

- Able to design and carry out comprehensive research based on economic and mathematical modeling. He is able to independently develop mathematical models of economic processes and implement them using computer modeling.

- Is able to choose methods of scientific research, types of planning and management of scientific research in innovation activities in economic sectors. Draw conclusions based on the results of the application of empirical research methods.

- Able to navigate modern business models of economics and management, determine the directions of their use. Able to be competent in choosing the algorithm and structure of the business model., predict future trends.

- In order to ensure the effective operation of organizations in the modern world, he is able to distinguish between environmental factors, apply the results of research to prepare and make management decisions. Able to understand management problems and develop appropriate solutions.

Doctor of Philosophy in the specialty 8D04105 "Economics" must:

**have an idea:**

- about the main stages of development and paradigm shift in the evolution of science;
- about the subject, ideological and methodological specifics of the natural (social, humanitarian, economic) sciences;
- about scientific schools of the relevant branch of knowledge, their theoretical and practical developments;
- about scientific concepts of world and Kazakh science in the relevant field;

- about the mechanism of implementation of scientific developments in practical activities;
- about the norms of interaction in the scientific community;
- about the pedagogical and scientific ethics of a research scientist.

**know and understand:**

- current trends, trends and patterns of development of Russian science in the context of globalization and internationalization;

- methodology of scientific knowledge;
- achievements of world and Kazakh science in the relevant field;
- (to realize and accept) the social responsibility of science and education;
- perfect foreign language for scientific communication and international cooperation;

**be able to:**

- to organize, plan and implement the process of scientific research;
- analyze, evaluate and compare various theoretical concepts in the field of research and draw conclusions;
- analyze and process information from various sources;
- to conduct independent scientific research, characterized by academic integrity, based on modern theories and methods of analysis;
- generate your own new scientific ideas, communicate your knowledge and ideas to the scientific community, expanding the boundaries of scientific knowledge;
- choose and effectively use modern research methodology;
- plan and predict your further professional development.

**have skills:**

- critical analysis, evaluation and comparison of various scientific theories and ideas;
- analytical and experimental scientific activities;
- planning and forecasting of research results;
- oral public speaking and public speaking at international scientific forums, conferences and seminars;
- scientific writing and scientific communication;
- planning, coordination and implementation of scientific research processes;
- a systematic understanding of the field of study and demonstrate the quality and effectiveness of the selected scientific methods;
- participation in scientific events, fundamental scientific domestic and international projects;
- leadership management and team management;



- responsible and creative attitude to scientific and scientific-pedagogical activity;
- conducting patent search and experience in the transfer of scientific information using modern information and innovative technologies;
- protection of intellectual property rights to scientific discoveries and developments;
- free communication in a foreign language.

**be competent:**

- in the field of scientific and scientific-pedagogical activity in the conditions of rapid updating and growth of information flows;
- in conducting theoretical and experimental scientific research;
- in the formulation and solution of theoretical and applied problems in scientific research;
- in conducting a professional and comprehensive analysis of problems in the relevant field;
- in matters of interpersonal communication and human resource management;
- in matters of university training of specialists;
- in the examination of scientific projects and research;
- in ensuring continuous professional growth.

**Table 1. The sequence of mastering disciplines in the process of forming special competencies**

№	Competencies	The list of compulsory, elective disciplines and the sequence of their study		Expected results
		List of disciplines	The sequence of their study (semester)	
1	Special	Methodology of economic research – 5 kr	1	<p><b>To know:</b> the functioning of the modern economy at the micro level; basic concepts, categories and tools of economic theory and applied economic disciplines; the basics of constructing, calculating and analyzing a modern system of indicators characterizing the activities of economic entities at the micro level; general characteristics of the processes of collecting, processing and accumulating information; the main features of the Kazakh economy, its institutional structure, directions of economic policy of the state.</p> <p><b>Be able to:</b> analyze economic phenomena, processes and institutions at the micro-level in interrelation; identify economic problems when analyzing specific situations, suggest ways to solve them taking into account the criteria of socio-economic efficiency, risk assessment and possible socio-economic consequences; calculate economic and socio-economic indicators based on standard methods and the current regulatory framework; use sources of economic, social and managerial information.</p> <p><b>Skills:</b> modern methods of collecting, processing and analyzing economic and social data; modern methods of constructing econometric models; methods and techniques for analyzing economic phenomena and processes using standard theoretical and econometric models; skills of independent work, self-organization and organization of assignments.</p>
		Organization and methodology of teaching economic	2  10	<p><b>To know:</b> the theoretical foundations of the methodology of teaching economic disciplines; didactic foundations of the transformation of scientific information into educational, structuring and selection of the content of educational material.</p>

		disciplines – 5 kr		<p><b>Be able to:</b> be able to develop and conduct various classes in economic disciplines, using the most effective methods and techniques of teaching when studying relevant topics and sections;</p> <p><b>Skills:</b> basic methods of objective diagnostics and assessment of economic knowledge; practical skills to activate the learning process, taking into account the peculiarities of studying and mastering economic information.</p>
		Empirical methods of international economics research – 5 kr	2	<p><b>To know:</b> methodology and organization of empirical research.</p> <p><b>Be able to:</b> apply empirical research methods in scientific work, collect and process primary data, transform them into a form suitable for analysis, including by means of information technologies and systems.</p> <p><b>Skills:</b> primary data processing technologies, methods of analysis and visualization of the obtained research results.</p>

**Table 2. Sequence of mastering disciplines of social and professional interaction**

№	Providing disciplines	Competencies	Expected result
1	2	3	4
<b>Profile disciplines</b>			
1	Scientometrics – 5 kr	Professional	<p><b>To know:</b> forms and methods of organizing resource and information bases; scientific databases for searching and analyzing information on their scientific problem, publishing their own articles in order to inform the scientific community and increase publication activity; promising directions in the development of educational systems and state policy in the field of education; basic concepts: scientometry, scientific citation index, Hirsch index, impact factor, etc.; the main international and Russian scientometric databases; requirements for registration of the results of scientific activity for their entry into databases.</p> <p><b>Be able to:</b> design and create a resource and information base; find the scientific databases necessary for themselves in order to promote their scientific results; determine the scientific citation index and the impact factor of journals; find and analyze information about their publications and publications on the topic of their research; navigate scientometric databases and use built-in tools; highlight current and promising goals and objectives of the development of educational systems.</p> <p><b>Skills:</b> the skills of using resource and information bases in solving practical problems in various fields of activity; the skills of selecting specialized scientific search engines, electronic archives, search tools for articles and links.</p>
2	Economic and mathematical modeling of business processes – 5 kr	Professional	<p><b>To know:</b> to apply mathematical methods in economics that would allow a future specialist in the field of economics to successfully solve problems arising in his professional activity. Apply mathematical models to determine optimal or close to them solutions to various economic problems.</p> <p><b>Be able to:</b> express your opinion from the point of view of a future specialist in the field of economics and apply mathematical models to determine optimal or close to them solutions to various economic problems.</p> <p><b>Skills:</b> the skills of applying mathematical methods as special ways of cognizing the world around us; the generality of mathematics in its concepts and representations, in solving specific economic problems.</p>

3	Modern business and management models – 5 kr	Professional	<p><b>To know:</b> principles of construction, characteristic features, factors of choice and transformation of business models of companies in management strategies; fundamentals of the evolution of business models, classification criteria; models of relations between management and owners, criteria for choosing rational strategies and tactics, their interaction; tools for the development and implementation of public-corporate partnership projects in the commercial sphere; basic approaches to the development of strategies and tactics of commercial organizations;</p> <p><b>Be able to:</b> establish a link between the business model and the company's strategy; apply various tools and procedures for identifying the business model used; understand the specifics of forming business models in commercial structures; apply tools for building integrated corporate structures; determine promising (strategic) directions for the development of corporate-type commercial entities, including through the implementation of merger (acquisition) strategies, participation in strategic alliances; to assess the strategic potential of commercial and corporate entities, the effectiveness of the management of holding-type commercial structures (holdings); to assess the strategic role of an effective board of directors; to make strategic decisions concerning the development of corporate entities, including participation in public-corporate partnership projects, including in relation to the commercial sphere; to identify sources and ways of resolving intra and intercorporate conflicts.</p> <p><b>Skills:</b> skills in designing an innovative business model in the corporate management system; practical skills in developing and implementing effective business models; techniques for conducting analytical work on functional subsystems of commercial organizations; practical skills and technologies for using tools of a balanced scorecard in the development and implementation of strategies of organizations; methods of conflict management in corporate structures, including between owners and top management, between owners, top managers and public authorities and regulatory bodies, as well as conflicts at the inter-organizational level.</p>
4	Key concepts of modern management – 5 kr	Professional	<p><b>To know:</b> the system of knowledge about management, information management and the theory of quality management; about modern management methods and their application in management activities; about the principles and methods of information resource management.</p> <p><b>Be able to:</b> identify effective relationships between individual elements of</p>

			<p>the information flow process and create conditions for improving the competitiveness of products and the enterprise as a whole;</p> <p><b>Skills:</b> acquire the skills of using improvement tools in practical activities; possess the skills to independently organize the activities of the enterprise information system and solve issues related to the organization and management of the information process.</p>
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