Ministry of Science and Higher Education of the Republic of Kazakhstan Karaganda University of the name of academician E.A.Buketov



EDUCATIONAL PROGRAM

«8D04101 - Economy»

Level: Doctoral degree PhD

Karaganda, 2023

The educational program on «8D04101 – Economics» is developed on the basis of:

- Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education" (with amendments and additions as of 03/27/2023),

- Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 No. 2. Registered with the Ministry of Justice of the Republic of Kazakhstan on July 27, 2022 No. 28916. "On the approval of the state mandatory standards of higher and postgraduate education"

- On approval of the Concept of Development of higher Education and Science in the Republic of Kazakhstan for 2023-2029, approved by the

Decree of the Government of the Republic of Kazakhstan dated March 28, 2023 No. 248.

- On approval of the Rules for the organization of the educational process on credit technology of education in organizations of higher and (or) postgraduate education Order of the Minister of Education and Science of the Republic of Kazakhstan dated March 20, 2023. April 2011 No. 152. Registered with the Ministry of Justice of the Republic of Kazakhstan on May 27, 2011 No. 6976 (with amendments and additions dated 04/05/2023)

- The National Qualifications Framework of March 16, 2016 by the Republican Tripartite Commission on Social Partnership and Regulation

of Social and Labor Relations.

- Classifier of training areas with higher and postgraduate education dated October 13, 2018 No. 569 (as amended by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated 06/05/2020 No. 234)

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Passport of the educational program

- 1. Code and name of the educational program: «8D04101 Economics»
- 2.Code and classification of the field of education, areas of training: 04.Business management and law, 8D041 Business and Management
 - 3. Group of educational programs: Economics
 - 4.Amount of credits: 180 ECTS
 - 5. Form of study: full-time
 - 6.Language of instruction: Kazakh, Russian
 - 7.Degree awarded: Doctor of Philosophy PhD/Doctor in the profile of the educational program «8D04101 Economics»
 - 8. Type of educational program: current.
 - 9. The level of the ISCE(International Standard Classification of Education) Level 8;
 - 10. The level of the (National Qualifications Framework) Level 8;
 - 11. The level of the (Industry Qualifications Framework) Level 8.
 - 12.Distinctive features of EP: no
 - 13. Number of the appendix to the license for the direction of personnel training: No. 036 dated 02.04.2019.
- 14.The name of the accreditation body and the validity period of the EP accreditation: the name of the NAOKO organization, SA-A certificate No. 0168/7, date of issue 10.06.2019, validity period 10.06.2019 07.06.2024
- 15. The purpose of the EP: training of highly qualified internationally competitive PhD doctors for scientific and pedagogical work in the development of theoretical and methodological concepts for analyzing economic processes and interrelations, as well as professional activities in the field of global, national economy, sectoral and regional markets, business entities of various legal forms regulation of socio-economic relations in the state, industry and intra-corporate levels.
 - 16. Qualification characteristics of the graduate:
 - a) Graduates of this educational program in the specialty «8D04101 Economics» can work in the following positions:
 - Teaching staff of universities in the field of economics and management;
 - Specialists-professionals in budget planning and analysis;
 - Financial analysts and professional specialists;
 - Management and business consultants;
 - Specialists-professionals in the field of human resource management;
 - Leading researcher at the Research Institute;
 - Leading specialist and head of a division of a state and local government body;
- Specialist of production and economic, social and managerial, marketing, financial and analytical services of enterprises, business structures, organizations and departments.

b) The scope and objects of professional activity of the graduate: The scope of professional activity of the Doctor of Philosophy are all branches of economics, research institutes, higher educational institutions, state and local government bodies; production and economic, social and managerial, marketing, financial and analytical services of enterprises, business structures, organizations and departments.

The objects of professional activity of PhD doctors are: higher educational institutions, research institutes, state and local government bodies, production and economic, social and managerial, marketing, analytical services of enterprises, business structures, organizations and departments.

The subject of professional activity of graduates in the educational program are: the study of actions and forms of manifestation of general, particular and specific economic laws of the development of economic processes in specific conditions of the industry, the national economy as a whole, as well as conditions and factors for identifying reserves to ensure the achievement of the best results at optimal costs.

- c) Types of professional activity of the graduate:
- Organizational and technological activities.
- Production and management activities.
- Project activity.
- Educational (pedagogical) activity.
- Research activities.
- d) Functions of the graduate's professional activity:
- implementation of pedagogical activity, analysis of educational situations, definition and solution of pedagogical tasks.
- conducting independent research / experimental research activities;
- use of management decision-making methods;
- forecasting the directions of economic development of the country;
- obtaining a full-fledged, high-quality postgraduate education in the field of economics;
- development of a high general intellectual level of development, expansion of humanitarian culture;
- development of creative potential, initiative and innovation;
- improving the competitiveness of specialists in the labor market.

17. Formulation of learning outcomes based on competencies

Type of competencies	Learning result code	Learning result (according
. Softskills	LO 1	Selects the direction and substantiates the topic of scientific research; develops and draws up a plan of scientific research, identifies options for solving scientific problems
	LO 2	Completes and presents the results of scientific research in accordance with the standards for
	LO 3	Reasonably and competently applies the analytical apparatus; determines the structure and stages
	LO 4	Uses methods of theoretical and empirical research, as well as strategic and operational orangement of the control of the cont
Hardskills	LO 5	Creates conditions for the creative potential development, initiative and innovation, gaining knowledge
	LO 6	t i c is a courth its ourrent issues and specifics
	LO 7	Identifies and explains the behavior of economic entities at micro, meso and macro revers and
	LO 8	Efficiently interprets scientific results in order to obtain practical recommendations for managing to
	LO 9	Creates forecast models, which characterize the state of the economy in the development of many
	LO 10	Analyzes methodological problems and trends of modern science, determines perspective areas of sevens
	LO 11	Defines and analyzes the main factors for ensuring sustainable development of the economy of region individual industries, and the system as a whole

18. Determination of modules of disciplines in accordance with the results of training

-	ation of modules	Name of disciplines	Volume (ECTS)
Learning result code	Name of the module		5
LO 1, LO 5,	Methodological basics of	Academic writing)
LO 10	research	Methods of scientific research	10
LO 1, LO 2,		Nictions of selection	
LO 3, LO 10	11.0	Advanced Macroeconomics	5
O 7, LO 8, LO 9	Fundamental models of	Teaching practice	3
LO 5, LO 7	macroeconomics	Research practice	10
LO 5, LO 9		Economic growth Theory	5
LO 7, LO 4	Modern problems of regional	Sustainable economic development	5
LO 7, LO 4	economic development and	Regional economy	5
LO 6, LO 11	factors of economic growth	Regional economic policy	5
LO 6, LO 11			123
LO 2, LO 3,	Research work of a doctoral	Research work of a doctoral student, including internship and doctoral thesis	
LO 5, LO 7	candidate	Writing and defending a doctoral thesis	12
	Final assessment	Withing with a service of the servic	

19. Matrix of achievability of learning outcomes

			Number		a.c.			Generate	d learning	outcomes	(codes)			2 /20
NN	Name of disciplines	Brief description of the discipline	of credits	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	LO 11
		1			cle of basi									
				U	niversity	compone	ent							
D1	Academic writing	The discipline is studied in order to form competencies related to analytical research and textual activities; skills of analytical-synthetic, critical and pragmatic thinking. In the process of studying the discipline, the types, methods and ethical principles of writing scientific texts, the principles of constructing a scientific text and preparing it for publication, the design of a bibliographic list, the basic rules for quoting scientific literature, the types of annotations and the features of their compilation, reviewing a	.5	+				+					+	
D2	Methods of scientific research	scientific text are considered. The discipline is studied in order to form the skills of doctoral students to carry out independent research activities; the use of scientific research methods to achieve the objectives set in the dissertation research; the use of methods of processing empirical data on the topic of their dissertation research.	5	+	+	+							+	
D3	Teaching practice	The purpose of pedagogical practice is the formation of professional competencies among doctoral students that ensure readiness for pedagogical activity in universities, the design of the educational process in accordance with the profile of training and conducting certain types of training sessions using innovative educational technologies.	10			osio disc	inlines	+		+				
		Cauchina Common		(Cycle of b	asic disc	iplines					100		
					Compon	ent of ch	loice							
D4	Economic growth Theory	The purpose of the course is the formation of knowledge in the category of "Economic growth" in	2 2				+			+				

		line with the main modern economic paradigms. Knowledge of the main problems of economic growth: factors of growth, survival and expectations of observation and their impact on growth rates, mutual influence of economic growth and income distribution, historical dynamics of economic growth, conditions for the growth of equilibrium (stable, balanced) growth. Improving the skills of analyzing economic processes.			-							
	Sustainable economic development	The purpose of the course is to form ideas about economic development in general, in particular. Obtaining knowledge on the problems of economic development, criteria, characteristics, assessment of the state of economic stability, familiarization with ways to ensure it.	5				+		+			
				Cycle (of speciali	zed disc	iplines			4000		
D5	Advanced macroeconom ics	The purpose of the course is the broad development of macroeconomic tasks, the development of national economic systems, the use of comparative analysis of economic research of economic orientation, the development of skills for building macroeconomic models, determining the effects of alternative approaches to economic policy and analyzing its growth of the country.	5	Of	niversity c	ompone	nt		+	+	+	
D6	Research practice	The purpose of the research practice is for doctoral students to study the latest theoretical, methodological and technological achievements of domestic and foreign science, as well as to consolidate practical skills in applying modern methods of scientific research, processing and interpretation of experimental data in dissertation research.	10					+	•		+	

				Cycle	of speciali	zed discip	olines					
				Co	omponent	of choice						
	Regional economy	The purpose of the course is the formation of knowledge and skills to use resource analysis in the territories with an assessment of efficiency, the development of skills for assessing the institutional environment, improving the welfare of the population and the productivity of the region.	5						+			+
D7	Regional economic policy	The purpose of the course is to make managerial economic decisions in the territory based on the assessment of the state of the economy, forecasting and management, the mechanism for the implementation of goals, objectives, economic development programs and education of the resources of the region.	5	Describ	work of	a doctoral	candidat	e	+			+
-		1000		Research	work of	a doctoral	Candida	1				
D8	Research work of a doctoral student, including internship and doctoral thesis	The purpose of the doctoral student's research work is to form the level of knowledge, skills and abilities necessary for the implementation of professional activity and to prepare for the defense of a doctoral dissertation. It includes conducting independent scientific research, foreign scientific internship, preparation of scientific publications, execution of a doctoral dissertation.	123		+	+		+		+		

20. Coordination of the planned learning outcomes with the methods of teaching and evaluation within the module

	for the module	Teaching methods	Assessment methods
Learning outcomes	Planned learning outcomes for the module	Interactive lecture	Test, oral questioning, discussion, rour
LO I	Selects the direction and substantiates the topic of scientific research; develops and draws up a plan of scientific research,	Interactive rectains	table, colloquium, presentation, project wo
LO 2	identifies options for solving scientific problems Completes and presents the results of scientific research in accordance with the standards for design of scientific	Case methods	Test, oral questioning, discussion, rou table, colloquium, presentation, project wo
LO 3	projects and citation databases Reasonably and competently applies the analytical apparatus; determines the structure and stages of the research process, taking into account the critical analysis of the	Interactive lecture	Test, oral questioning, discussion, routable, colloquium, presentation, project we
LO 4	problem Uses methods of theoretical and empirical research, as well as strategic and operational diagnostics of the state and	Project training	Test, oral questioning, discussion, rotable, colloquium, presentation, project w
LO 5	development of economic entities Creates conditions for the creative potential development, initiative and innovation, gaining knowledge in fundamental	Case methods	Test, oral questioning, discussion, ro table, colloquium, presentation, project w
LO 6	disciplines, and acquiring practical skills Conducts factor analysis of economic growth, its current	Interactive lecture	Test, oral questioning, discussion, rotable, colloquium, presentation, project v
LO 7	issues and specifics Identifies and explains the behavior of economic entities at micro, meso and macro levels using economic and	round table	Test, oral questioning, discussion, rotable, colloquium, presentation, project v
LO 8	mathematical methods Efficiently interprets scientific results in order to obtain practical recommendations for managing the economic activities of enterprises and organizations of various forms of		Test, oral questioning, discussion, retable, colloquium, presentation, project v
LO 9	ownership, as well as regions Creates forecast models, which characterize the state of the	Interactive lecture	Test, oral questioning, discussion, r table, colloquium, presentation, project
LO 10	economy in the development of macroeconomic policy Analyzes methodological problems and trends of modern science, determines perspective areas of scientific research,	Interactive lecture	Test, oral questioning, discussion, table, colloquium, presentation, project
LO 11	substantiates them with scientific facts Defines and analyzes the main factors for ensuring sustainable development of the economy of regions, individual industries, and the system as a whole	Interactive lecture	Test, oral questioning, discussion, table, colloquium, presentation, project

21. Criteria for assessing the achievability of learning outcomes Codes of LO Criteria LO₁ Knows: - the main provisions of the content of higher education, modern didactic concepts in higher education; features of the design and organization of the pedagogical process at the university, modern educational technologies; - fundamentals of pedagogical skills and pedagogical techniques, management in education, management of the process of formation and development of the personality of students; - structural features of academic texts of various genres; requirements for the design of academic texts of various genres in Russian and English academic contexts; understand formal and instrumental differences between sources and literature. - formulate and solve problems arising in the pedagogical process and requiring in-depth pedagogical knowledge; analyze and comprehend the realities of modern theory and practice of higher education; diagnose and advise students taking into account the profile of future professional activity; - the ability to abstract thinking, analysis, synthesis; the ability to use in management activities, knowledge in the field of theory and practice of the organization of potential opportunities in the organizational sphere. Owns: - skills of conducting independent research and scientific and pedagogical activities that require a broad multidisciplinary education; apply methodological and methodological knowledge in conducting scientific research, pedagogical and educational work; - skills of abstracting and concise presentation of information, writing a bibliographic review; reviewing and examining the quality of scientific work; writing an abstract to an article; writing a scientific article on the topic of dissertation research. LO₂ - methods of implementing research activities in the field of economics, as well as methods of generating new ideas in solving research and practical problems using information and communication technologies. Can: - plan and carry out research activities using modern research methods and information and communication technologies. - skills of collecting, processing, analyzing and systematizing information; selection of methods and means of solving research problems, LO₃ Knows: - features of presenting the results of research in the field of economics (including in the form of a dissertation research) to the academic community. Can: - to find, analyze and systematize scientific literature and sources on the topic of research, to identify fundamentally new and promising Owns: - the ability to develop and apply new methods and cognitive techniques of independent research activity in the field of economics, taking into account the current state of science and in accordance with the tasks set.

LO 4	Knows:
	- patterns of economic growth;
	- the main results of the latest research published in leading professional journals on the problems of economic growth;
	- modern software products necessary for modeling economic growth.
	Can:
	-apply modern mathematical tools for modeling economic growth;
	- use modern software for modeling economic growth;
	- generate forecasts of economic growth.
	Owns:
	- methods of building models of economic growth; skills of independent research work;
	- skills of macroeconomic modeling of the consequences of inflation and anti-inflationary policy.
LO 5	Knows:
	- debatable problems of economic policy and proposed ways to solve them in various macroeconomic areas and schools;
	- modern scientific methods used in conducting scientific research in the field of specialization of a doctoral student; the main results of
	the latest research published in leading scientific journals and publications in the field of specialization of a doctoral student.
	Can:
	- analyze macroeconomic information using modern tools;
	- to assess the consequences of global processes, changes in economic policy, external shocks, uncertainty for the functioning of national
	economic systems as a whole and for individual aggregated sectors of the economy.
	Owns:
	- methodology and methodology of microeconomic analysis;
	- skills of searching and analyzing macroeconomic information to identify development trends and their consequences for individual
	economic entities;
100.00	- skills in applying modern tools of macroeconomic modeling to predict the impact of macroeconomic processes on the functioning of
	national economic systems and individual economic entities.
LO 6	Knows:
LOG	1 ST
	- conceptual framework of the discipline, theoretical and methodological foundations of regional economics;
	- existing concepts and approaches to improving regional policy in Kazakhstan.
	Can:
	- to organize and conduct an analysis of the spatial proportions of economic development, methods of assessing regional policy, modeling
	economic processes, the use of modern technologies in the analysis, making forecasts, testing scientific research, independently analyze
	and evaluate the capabilities of the state in the development and regulation of innovative processes.
	Owns:
	- modern methods of studying the differentiation of socio-economic space, mechanisms and tools for regulating regional development,
	scientific justification for reforming the existing regional system of the country, determining the "poles of growth" of elements of a
	geographically organized structure.
LO 7	Knows:

Q) la	 patterns of economic growth; the main results of the latest research published in leading professional journals on the problems of economic growth;
	Can: - use modern software for modeling economic growth; - generate forecasts of economic growth; - use modern software when conducting scientific research; analyze, evaluate and compare various theoretical concepts in the field of research and draw conclusions.
	Owns: - skills of scientific writing and scientific communication; planning, coordination and implementation of scientific research processes; - the skills of a systematic understanding of the field of study and demonstrate the quality and effectiveness of the selected scientific methods.
LO 8	 Knows: basic principles and methods of teaching; theoretical foundations of the organization of methods of economic research; structural features of academic texts of various genres; requirements for the design of academic texts of various genres in Russian and English academic contexts; understand formal and instrumental differences between sources and literature.
	Can: - apply theoretical knowledge in practice in the field of teaching disciplines of the specialty; apply the conceptual and categorical apparatus, the basic laws of economic sciences in professional activity; - apply methods and means of cognition for intellectual development and professional competence improvement.
	Owns: - skills in selecting the necessary economic tools for interpreting data into sound analytical materials on specific economic tasks; methods and techniques for selecting tools for processing economic information in accordance with the tasks set.
LO 9	Knows: - debatable problems of economic policy and proposed ways to solve them in various macroeconomic areas and schools; - modern scientific methods used in conducting scientific research in the field of specialization of a doctoral student; - the main results of the latest research published in leading scientific journals and publications in the field of specialization of a doctoral student.
	Can: - build macroeconomic simulations; analyze trends and develop forecasts for the development of economic systems; - organize, plan and implement the process of scientific research; - apply modern scientific tools to solve practical problems in the field of research; analyze and process information from various sources.
	Owns: - skills of searching and analyzing macroeconomic information to identify development trends and their consequences for individual economic entities; - skills in applying modern tools of macroeconomic modeling to predict the impact of macroeconomic processes on the functioning of national economic systems and individual economic entities.

LO 10	Knows: - methods of implementing research activities in the field of economics, as well as methods of generating new ideas in solving research and practical problems using information and communication technologies.
	and practical problems using information and communication and communication technologies; - plan and carry out research activities using modern research methods and information and communication technologies; - to find, analyze and systematize scientific literature and sources on the topic of research, to identify fundamentally new and promising areas of analysis of factual material in the field of economics.
	Owns: - skills in collecting, processing, analyzing and systematizing information; - selection of methods and means of solving research problems, computer skills; - selection of methods and apply new methods and cognitive techniques of independent research activity in the field of economics, taking - the ability to develop and apply new methods and cognitive techniques of independent research activity in the field of economics, taking into account the current state of science and in accordance with the tasks set.
LO 11	 Knows: - a system of indicators of the level of socio-economic development of the region; - the main provisions, categories and methods of research of the regional economy; - the main methods, methods and means of obtaining, storing, processing financial, accounting and other information at the regional level; - tools for managing the region's economy.
	Can: - to identify problems of an economic nature when analyzing specific situations in the region, to propose ways to solve them, taking into account the criteria of socio-economic efficiency; - to use theoretical knowledge, scientific and methodological approaches and regulatory documents in order to analyze the economic development of the region; - analyze and interpret financial, accounting and other information contained in the reporting of enterprises and regional-level reporting;
	Owns: - methodology of analysis of regional problems and situations; - skills of processing economic data in accordance with the task with the help of tools; - skills in developing individual programs of socio-economic development of the region, focused on strategic objectives of region policy.

22. The graduate model of the educational program

Attributes of a doctoral graduate:

Deep professional knowledge in their field of study Interest in mastering trends in education and science Ability to collaborate in the professional community

Independence in the search for opportunities for professional and personal development

Tolerance and good manners

Academic integrity

Willingness to participate in solving state tasks and strategies of Kazakhstan

Types of competencies	Description of competencies
1. Softskills	
2. Hardskills	 Ability to abstract thinking, analysis, synthesis The ability to improve and develop their intellectual and general cultural level Willingness to use modern methods and technologies of scientific communication in the stat and foreign languages The ability to independently acquire and use in practice new knowledge and skills, includin new areas of knowledge not directly related to the field of activity Ability to follow ethical standards in professional activity
2. Hardskiiis	- Applies in processional activity
	- Applies in practice digital analysis tools developed within the framework of macroeconom models
	- Ability to analyze and interpret the data of domestic and foreign statistics on socio-economic processes and phenomena, to identify trends in socio-economic in the statistics of socio-economic in the statisti
	accordance with the direction of training (profile)
	- Ability to organize and plan scientific research in the field of economics and business through the use of digital software products
	- The ability to independently carry out research activities in the relevant professional field
	national economy potential of the regional, sectoral and functional structure of the
	 Understands and applies fundamental economic knowledge of a macroeconomic nature The ability to use the methodology of modern economics to solve fundamental and applied

	 economic development of the country The ability to identify socio-economicational economy and propose ways to so 	of economic reforms in the republic and direct nic problems when analyzing specific situation plve them with an assessment of the expected re ment decisions and justify their choice based on	s in the
Compilers:			
Head of the Department	Chartay Zhartay	Zh.M.	
Candidate of economic sciences, associate profe	ssor Meerol Asanov	va М.К.м.э.н.,	
Master of economic sciences, lecturer	Yespolo	ova Zh.M.	
Doctoral student	Khasen	khanov N.B.	
Employer, deputy director	Zhailau	lov E.B.	
The educational program was reviewed and reco	mmended by the Faculty Council from	5.08. 2023 Protocol No. P	
	acting of the Academic Council of the III	niversity and recommended for approval	rom
The educational program was reviewed at the m 18.09.2023 Protocol No. 5	eeting of the Academic Council of the Or	inversity and recommended for approvar	10111

Acting Director of the Department for Academic Work

Dean of the Economic Faculty

A Deugs

Zhusipbek T.Z.

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