

Ministry of Education and Science of Ukraine
V. N. Karazin Kharkiv National University

EDUCATIONAL AND SCIENTIFIC PROGRAM

Economics

third (educational and scientific) level of higher education

Field of knowledge C "Social sciences, journalism, information and international relations"

Specialty C1 "Economics and international economic relations"

Specialization C1.01 "Economics"

APPROVED

Scientific council of
Kharkiv National University
named after V.N. Karazin dated "26" May 2025,
protocol No. 14
Entered into force from 2025 academic year
by order of 28.05.2025 No. 0114-1/254

Vice-rector for scientific and pedagogical work

Anton PANTELEIMONOV

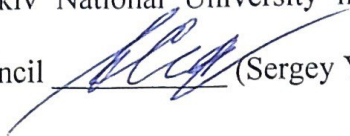


Kharkiv 2025

LETTER OF AGREEMENT
educational and scientific program
"Economics"

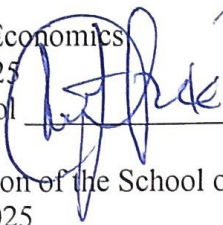
The educational program was reviewed and approved by:

1. The Scientific and Methodological Council of Kharkiv National University named after V. N. Karazin, Protocol No10 dated "21" May 2025.

Deputy Chairman of the Scientific and Methodological Council  (Sergey YELTSOV)

2. The academic council of the School of Economics

Protocol No. 9 dated "17" 04 2025

Head of the Academic Council of the School  (Vitalii DIACHEK)

3. Scientific and Methodological Commission of the School of Economics:

protocol No. 13 dated "16" 04 2025

Chairman of the Scientific and Methodical Commission

school/institute


 (Daria ZAGORSKA)

4. Department of Economic Theory and Economic Management Methods:

protocol No. 13 dated "21" 03 2025

Head of Department,

Doctor of Economics, Prof.

 Andriy HRYTSENKO

PREAMBLE

Developed by a working group consisting of:

Last name, first name	Position title	Patronymic Academic degree, academic title
Head of the working group - head of the educational program		
Volodymyr Soboliev	Professor of the Higher Educational Institution of the Department of Economic Theory and Economic Management Methods, V.N. Karazin Kharkiv National University	Doctor of Economics, Prof. of the Department of Economic Theory and Economic Management Methods
Members of the working group		
Tamara Merkulova	Head of Department of Economic Cybernetics and Applied Economics, V.N. Karazin Kharkiv National University	Doctor of Economics, Professor of the Department of Economic Cybernetics and Applied Economics
Hanna Kolomiets	Professor of the Higher Educational Institution of the Department of Economic Theory and Economic Management Methods, V.N. Karazin Kharkiv National University	Doctor of Economics, Prof. of the Department of Economic Theory and Economic Management Methods

The following are involved in the design of the educational and scientific program:

Representatives of higher education applicants: Gryanyk A.V. (3rd year postgraduate student), Zanimonsky E.E. (1st year postgraduate student)

Representatives of employers: Doctor of Economics, Professor. Marchenko O.S. (Professor of the Department of Financial Law of the Yaroslav the Wise National Law University), Doctor of Economics, Professor. Yaremenko O.L. (Leading Researcher of the State Institution "Institute of Economics and Forecasting of the NAS of Ukraine")

When developing the Program, the requirements were taken into account:

1) Higher Education Standard in the specialty 051 Economics of the knowledge area 05 Social and Behavioral Sciences for the third (educational and scientific) level of higher education, approved by the Order of the Ministry of Education and Science of Ukraine dated 10.05.2022 No. 424).

2) Reviews-feedback from external stakeholders: Doctor of Economics, Prof. Marchenko O.S. (Professor of the Department of Financial Law of the Yaroslav the Wise National Law University)

**Profile of the educational and scientific program
in the specialty C1 "Economics and International Economic Relations"**

I – General information	
Full name of the higher education institution and structural unit	V.N. Karazin Kharkiv National University School of Economics
The official name of the program	Educational and scientific program "Economics"
Degree of higher education	Doctor of Philosophy
Awardable qualification	Doctor of Philosophy in specialty C1 " Economics " (PhD)
Type of diploma and scope of the educational program	Individual, The scope of the educational and scientific program is 47 ECTS credits/4 years of study
Availability of accreditation	National Agency for Quality Assurance of Higher Education, Ukraine. The validity period of the educational program accreditation certificate №1087 is July 1, 2026
Full name of the higher education institution and structural unit	Availability of educational qualifications of a master's or specialist. The program of professional entrance examinations for persons who have obtained a previous level of higher education in other specialties provides for verification of the acquisition by a person of competencies and learning outcomes defined by the higher education standard in the specialty C1 Economics for the second (master's) level of higher education.
Language of teaching	Ukrainian, English
The term of validity of the educational program	4 years
Internet address of the permanent placement of the description of the educational program	https://etemu.karazin.ua/?r=events/event&id=35
2 - The purpose of the educational program	
The purpose of the program	Preparation of a Doctor of Philosophy in Economics based on modern world quality standards, an organic combination of fundamental and applied components, leadership positions in the Ukrainian scientific space and a high international competitive level, sufficient potential for commercialization of scientific results in the national and global markets of scientific and technical developments, organic integration into the global community of universities, attractiveness for foreign postgraduate students, which is capable of ensuring successful employment of graduates in modern labor markets.
3 – Characteristics of the educational program	
Subject area (field of knowledge, specialty,	Field of knowledge – C "Social sciences, journalism, information and international relations" <i>Specialty – C1 "Economics"</i> <i>Object of activity (research):</i> theory, methodology of scientific research, phenomena, phenomena and problems of modern economic

specialization (if available)	<p>processes and systems.</p> <p><i>Learning objectives:</i> acquiring the ability to produce new ideas, solve complex problems in the field of economics, which presupposes a deep rethinking of existing and creation of new holistic knowledge and/or professional practice</p> <p><i>Theoretical content of the subject area:</i> general laws, regularities and trends of socio-economic development, motivation and behavior of market entities; theories of micro-, macro- and international economics; quantitative methods in economic research; institutional, interdisciplinary and historical analysis of socio-economic phenomena and processes; development and justification of economic decisions; regulation and management of multi-level economic systems.</p> <p><i>Methods, techniques and technologies:</i> methods of micro- and macroeconomic research, computer modeling of economic systems, statistical analysis, forecasting, project management, digital technologies, methods and technologies of scientific and pedagogical activity.</p> <p><i>Tools and equipment:</i> information and communication systems, specialized software, devices and equipment necessary for conducting scientific research in the field of economics.</p>
Orientation of the educational program	Educational and scientific, academic, training of scientists for teaching and work in scientific institutions
The main focus of the educational program and specialization	<p>Training specialists adapted to effective analysis of rapid changes in the modern economic environment</p> <p>Keywords: economics, economic theory, scientific research methodology, teaching methodology</p>
Features of the program	In-depth methodological training and enhanced modern statistical and economic research tools
4 – Employability of graduates and further education	
Suitability for employment	Employment in positions of scientific and scientific-pedagogical workers in scientific institutions and higher education institutions, other positions requiring a Doctor of Philosophy qualification in Economics, in particular in positions of scientific consultants, experts, analysts in research institutions and divisions of enterprises, institutions, and organizations.
Further education	Obtaining a PhD degree and additional qualifications in the adult education system
5 – Teaching and assessment	
Teaching and learning	<p>Student-centered learning with elements of self-study, problem-based learning</p> <p>Development of critical thinking; learning as research; project-based learning.</p>
Assessment	<p>Written exams (answers to problem questions and solutions to a specific scientific problem), tests, intermediate tests and surveys, defense of individual work (essay, project, etc.) and scientific reports on the assessment of achievements.</p> <p>Assessment is carried out on a two-level (passed/failed) and four-level (excellent, good, satisfactory, unsatisfactory) scales.</p> <p>Final assessment (certification) is carried out in the form of a public defense of a dissertation for the degree of Doctor of Philosophy in Economics.</p>
6 – Program competencies	

Integral competence	The ability to produce new ideas, solve complex problems in the field of economics, as well as conduct one's own scientific research, the results of which have scientific novelty, theoretical and practical significance, which involves a deep rethinking of existing and the creation of new holistic knowledge and/or professional practice.
General competences	<p>GC01. Ability to abstract thinking, analysis and synthesis.</p> <p>GC02. Ability to search, process and analyze information from various sources.</p> <p>GC03. Ability to work in an international context.</p> <p>GC04. Ability to generate new ideas (creativity).</p> <p>GC05. Ability to solve complex economic problems based on a systematic scientific worldview and a general cultural outlook, adhering to the principles of professional ethics and academic integrity</p>
Professional competences	<p>PC01. Ability to conduct original research, achieve scientific results that create new knowledge in economics and related interdisciplinary areas and can be published in leading scientific journals in economics and related fields.</p> <p>PC02. Ability to orally and in writing present and discuss the results of scientific research and/or innovative developments in Ukrainian and English.</p> <p>PC03. Ability to use modern methodologies, methods and tools of empirical and theoretical research in the field of economics, computer modeling methods, modern digital technologies, databases and other electronic resources, specialized software in scientific and scientific and pedagogical activities.</p> <p>PC04. Ability to carry out scientific and pedagogical activities in higher education institutions.</p> <p>PC05. The ability to identify, in-depth analyze and solve research problems in the field of economics, taking into account economic risks and possible socio-economic consequences, evaluate and ensure the quality of research, including on issues of European and Euro-Atlantic integration.</p> <p>PC06. The ability to justify and prepare economic decisions based on an understanding of the patterns of development of socio-economic systems and processes using mathematical methods and models.</p> <p>PC07. The ability to initiate, develop and implement complex scientific projects in economics and related interdisciplinary approaches, to demonstrate leadership and responsibility in their implementation; to commercialize the results of scientific research and ensure compliance with intellectual property rights.</p> <p>PC08. The ability to correctly identify the internal logic of the formation of priorities for the post-war revival of the Ukrainian economy in the context of its harmonization with the implementation of the 2030 Agenda for Sustainable Development; apply this Procedure in teaching activities</p>
7- Program learning outcomes	
Program learning outcomes	<p>PLO01. Have advanced conceptual and methodological knowledge in economics, management of socio-economic systems and at the border of subject areas, as well as research skills sufficient to conduct fundamental and applied research at the level of world achievements in the relevant field.</p> <p>PLO02. Deeply understand the basic (fundamental) principles and methods of economic sciences, as well as the methodology of scientific research, create new knowledge in the field of economics in order to</p>

	<p>achieve economic and social development in the context of globalization.</p> <p>PLO03. Develop and research fundamental and applied models of socio-economic processes and systems, effectively use them to obtain new knowledge and/or create innovative products in economics and related interdisciplinary areas.</p> <p>PLO04. Apply modern tools and technologies for searching, processing and analyzing information, in particular, statistical methods for analyzing large data sets and/or complex structures, specialized software and information systems.</p> <p>PLO05. To propose new solutions, develop and conduct scientific projects that make it possible to rethink existing and create new holistic knowledge and/or professional practice and solve significant and fundamental and applied problems of economic science, taking into account social, economic, environmental and legal aspects; to ensure the commercialization of scientific research results and compliance with intellectual property rights.</p> <p>PLO06. To freely present and discuss with specialists and non-specialists the results of research, theoretical and practical problems of economics in the state and foreign languages, to competently reflect the results of research in scientific publications in leading scientific publications.</p> <p>PLO07. To apply innovative scientific and pedagogical technologies, to formulate the content, learning goals, methods of their achievement, forms of control, to be responsible for the effectiveness of the educational process in compliance with the norms of academic ethics and integrity.</p> <p>PLO08. Plan and carry out empirical and/or theoretical research in the field of economics and related interdisciplinary areas, critically analyze the results of one's own research and the results of other researchers in the context of the entire complex of modern knowledge on the problem under study</p> <p>PLO09. Formulate and test hypotheses; use appropriate evidence to substantiate conclusions, in particular, the results of theoretical analysis, empirical research and mathematical and/or computer modeling, available literary data</p>
8 – Resource support for program implementation	
Specific characteristics of personnel support	8 doctors and 2 candidates of sciences are involved in the implementation of the program, including 6 doctors and 2 candidates of sciences - full-time employees of 5 departments from three faculties of the university and 2 invited doctors of sciences (including 1 academician of NASU) - deputy director and head of the department of the State Institution "Institute of Economics and Forecasting of NASU". A total of 10 people.
Specific characteristics of material and technical support	Possibility of distance learning on Moodle, Zoom, Webex, Classroom, etc. platforms.
Specific characteristics of information and methodological support	Possibility of online learning on the "Coursera" platform: free access to educational resources of the world's leading universities. Remote access to resources of EBSCO Publishing - the largest aggregator of scientific full-text resources of the world's leading publishers.

	Access to Springer databases (Springer journals 1997-2020, Springer e-books 2017), SCOPUS, SciVal, WEB OF SCIENCE, EBSCO, Oxford University Press, Cambridge University Press, CUL Online
9 – Academic mobility	
National credit mobility	In accordance with the current legislation of Ukraine
International credit mobility	In accordance with the current legislation of Ukraine and international agreements of the university
Education of foreign students of higher education	In accordance with the current legislation of Ukraine

2. List of components of the educational program and their logical sequence

2.1. Educational component of the Educational and Scientific program (ESP) of Doctor of Philosophy

Code n/a	Components of the educational program (study subjects, course projects (works), practices, qualification work)	Number of credits	Final control form
1	2	3	4
Mandatory components (MC)			
MC 1.	Philosophical foundations of scientific knowledge	4	Exam
MC 2.	Foreign language for postgraduate students	8	Credit, Exam
MC 3.	Methodology of teaching economic disciplines	3	Credit
MC 4.	Intelligent data analysis systems	3	Credit
MC 5.	Modern theoretical economics	3	Exam
MC 6.	Research methodology and practice of measuring economic processes	3	Exam
MC 7.	Production (scientific and pedagogical) practice	5	Credit
MC 8.	Psychology, pedagogy and educational technologies in higher education	3	Exam
The total volume of compulsory disciplines		32	
Optional components (OC) *			
OC1.1/OC1.2/OC1.3/OC1.4/OC1.5/OC1.6/OC1.7/OC1.8		6	Exam, Exam
OC2.1/OC2.2/OC2.3/OC2.4/OC2.5/OC2.6/OC2.7/OC2.8		9	Exam, Exam, Exam
The total volume of selective disciplines		15	
GENERAL SCOPE OF THE EDUCATIONAL PROGRAM		47	

* The selection of elective subjects is carried out by the postgraduate student during the first semester of the first year of training. The postgraduate student independently chooses any 5 subjects (3 credits each) for a total of 15 credits, taking into account the recommendations of the scientific supervisor, as well as his own scientific interests, determined by the topic of the dissertation, while coordinating the choice with the scientific supervisor and the head of the graduating department. The names of the 16 elective components are proposed by the departments of the Faculty of Economics, are annually approved (revised) by the decision of the Academic Council of the Faculty

of Economics simultaneously with the approval (revision) of the educational and scientific program itself and are posted on the website of the Faculty of Economics at the link <https://econom.karazin.ua/index.php?id=885&lang=u&idd=68>.

In addition, the postgraduate student has the right to choose the appropriate disciplines from the general university list, which is posted on the university website <https://karazin.ua/osvita/vibirkovi-distciplini/> and is reviewed annually. The study of elective disciplines should be aimed at deepening general and professional competencies and provide for the achievement of appropriate results stipulated by the higher education standard, as well as the acquisition of additional competencies that correspond to the profile of the applicant's scientific work. The specific list of competencies and results of studying each elective discipline is determined by the applicant, agreed with the scientific supervisor and fixed in the individual curriculum (educational component). The names of all 16 elective disciplines are also indicated in the curriculum (3-4 semesters), 8 disciplines in each semester, with the possibility of choosing 2-3 disciplines (6-9 credits) in each semester. Depending on the individual choice of the postgraduate student, in the working curricula, the distribution of disciplines and credits between semesters may vary compared to the curriculum.

The educational and scientific program is the basis for the formation of an individual curriculum and an individual plan of scientific work by the postgraduate student, which are agreed with the scientific supervisor and approved by the academic council of the Faculty of Economics within two months from the date of enrollment of the person in postgraduate studies.

The mastery of academic disciplines by postgraduate students can take place not only on the basis of the university, but also within the framework of the implementation of the right to academic mobility - on the basis of other higher education institutions (scientific institutions). The postgraduate student has the right to recognition of the results of non-formal (informal) education in accordance with the Procedure for recognition of the results of non-formal and/or informal education at the V.N. Karazin Kharkiv National University.

2.2. The scientific component of the educational and scientific program a Doctor of Philosophy

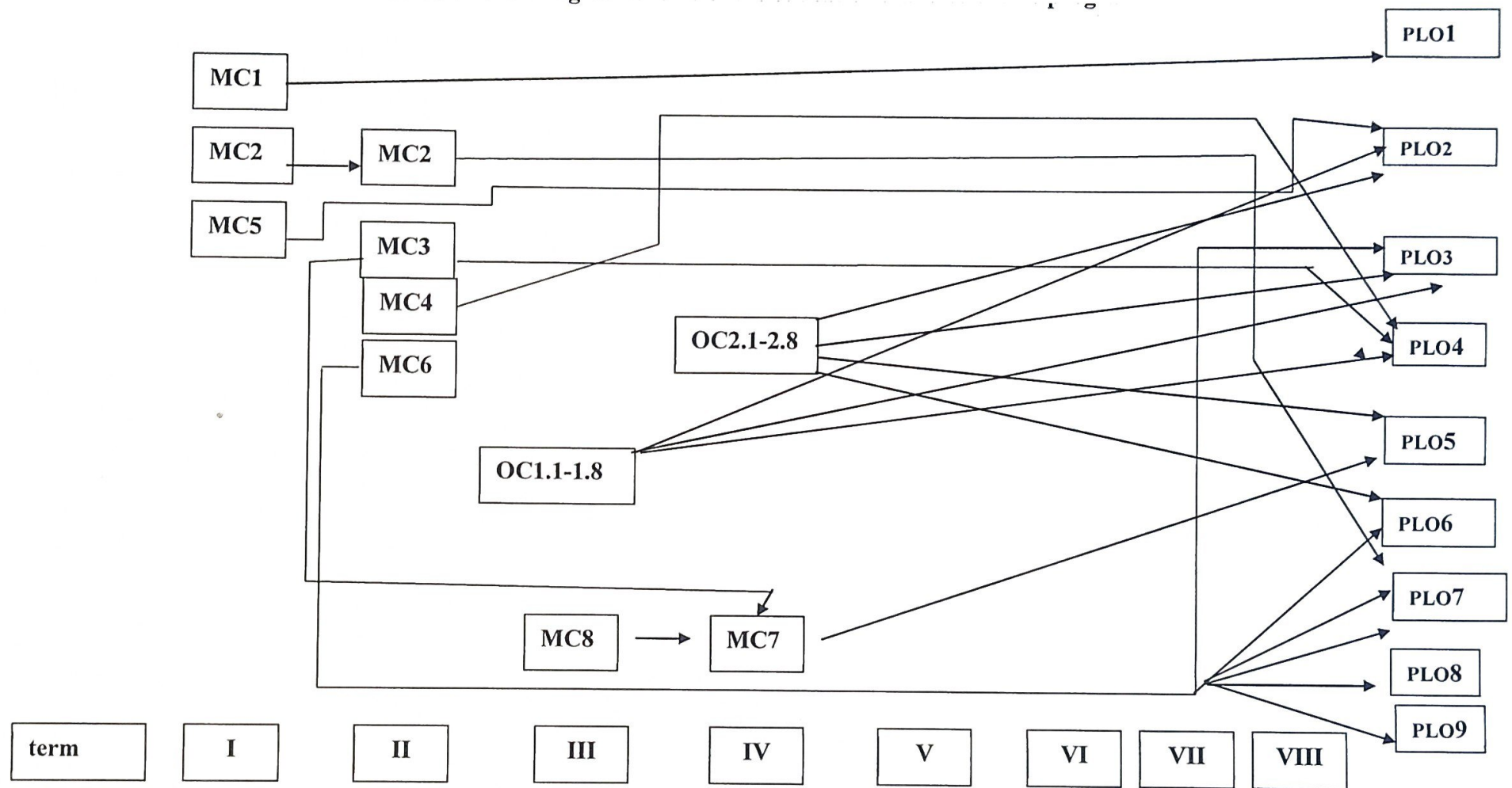
The scientific component of the educational and scientific program involves conducting one's own scientific research under the guidance of one or two scientific supervisors and presenting its results in the form of a dissertation.

The scientific component of the educational and scientific program contains a list of types of scientific work of the postgraduate student and forms of control (reporting).

The scientific component of the educational and scientific program is drawn up in the form of an individual plan of scientific work of the postgraduate student and is an integral part of the postgraduate curriculum.

The volume of the main part of the dissertation for the degree of Doctor of Philosophy should be 6.5-9 author's pages (1 author's page - 40,000 characters, including spaces).

Year of preparation	Content of the postgraduate student's scientific work (type of work)	Reporting form, control form
Year 1	Study of scientific literature on the topic of the dissertation, drawing up a detailed plan	Annual report of the applicant, certification of the scientific supervisor
Year 2	Writing a dissertation text, preparing scientific articles, participating in scientific conferences	Annual report of the applicant, certification of the scientific supervisor
Year 3	Discussion of the dissertation at a theoretical seminar. Publication of scientific research results, participation in scientific conferences	Annual report of the applicant, certification of the scientific supervisor
Year 4	Participation in scientific conferences. Public defense of the dissertation. Preparation of the attestation file.	Annual report of the applicant, certification of the scientific supervisor



3. Structural and logical scheme of the educational and scientific program

The educational component of the program provides for 4 semesters of study of the relevant disciplines in the amount of 47 credits.

The study of two cycles of disciplines is provided - mandatory (normative) and elective (variative).

The volume of the normative component is 32 credits, the elective - 15 credits.

The sequence of teaching mandatory and elective disciplines is determined by the structural-logical scheme of training taking into account the topic of the dissertation and is fixed in the curriculum, as well as in the annual working curricula (1-2 years of study, 1-4 semesters).

A cycle of practical training (production (scientific and pedagogical) practice, 4 semester) is provided as part of the educational component of the educational and scientific program in the amount of 5 credits, which aims to form the skills of a scientific and pedagogical worker in a higher educational institution in teaching economic disciplines.

The sequence of studying disciplines by semester is determined by the curriculum. It is allowed to redistribute credits allocated for the study of elective disciplines between 3-4 semesters without changing the total number of credits allocated for the study of elective disciplines.

The postgraduate student's research work is carried out under the guidance of a scientific supervisor with the support and advice of the faculty of the graduating department and more experienced postgraduate students. It can be conditionally divided into preparatory and main stages and includes the following types of activities.

At the preparatory stage, the postgraduate student:

- chooses a topic for scientific research and justifies the relevance of the chosen topic of research;
- reviews catalogs of defended dissertations and gets acquainted with already defended dissertations;

- processes the latest research results in the selected and related fields of science, gets acquainted with analytical reviews and articles in professional publications, consults with specialists in order to identify insufficiently studied scientific problems and issues that are relevant from a theoretical and/or practical point of view;

- studies and analyzes the main approaches and positions of scientific schools and trends in solving the problem under study, clarifies the terminology in the selected field of knowledge, searches for literary sources on the selected topic, formulates a scientific task.

- plans the dissertation work, formulates an individual and work plan of the postgraduate student;
- clarifies the setting of goals and objectives of the dissertation work, the object and subject of scientific research;

- selects and justifies the methods (methodology) of conducting the research;

- describes the process of scientific research (research design) in the dissertation work by forming a plan-prospectus, which is an abstract presentation of issues and methods for their solution, according to which all the collected factual material will be systematized in the future.

At the main stage of the implementation of scientific research work, the postgraduate student:

- conducts scientific research work in accordance with the profile of the postgraduate program using knowledge of fundamental and applied disciplines taught in the program, is engaged in scientific work, performs the theoretical and practical part of the research;

- analyzes and summarizes the results of scientific research based on modern approaches, interdisciplinary knowledge, the application of scientific methodological principles and methodological techniques of research, the use of thematic information resources in the study, leading domestic and foreign experience in the subject of the research.

The dissertation work of a Doctor of Philosophy in a specialty is entrusted with the main research and professional qualification function, which is expressed in the ability of the candidate for the degree of Doctor of Philosophy to conduct independent scientific research, solve applied scientific problems and carry out their scientific generalization in the form of his own contribution to the development of modern

economic science and practice. It is the result of the independent scientific work of the postgraduate student and has the status of an intellectual product in the form of a manuscript.

4. Form of attestation of applicants of higher education

Public defense of the dissertation for the degree of Doctor of Philosophy in Economics (scientific component of the program).

Requirements for the dissertation for the degree of Doctor of Philosophy The dissertation for the degree of Doctor of Philosophy is an independent, detailed study that proposes a solution to a complex problem in the field of economics or on its border with other specialties, which involves a deep rethinking of existing and the creation of new holistic knowledge and/or professional practice.

The dissertation must not contain academic plagiarism, falsification, fabrication.

The dissertation must be posted on the university website.

5. Matrix of correspondence of program competences components of the educational and scientific program

	MC 1	MC 2	MC 3	MC 4	MC 5	MC 6	MC 7	MC 8	OC 1	OC 2	OC 3	OC 4	OC 5
GC 01	+					+			+				
GC 02			+	+		+	+		+				
GC 03		+				+			+				
GC 04		+			+	+				+			
GC 05						+				+			
PC 01	+					+				+			
PC 02		+	+			+					+		
PC 03				+		+					+		
PC 04			+			+	+	+			+		
PC 05						+						+	
PC 06				+	+	+						+	
PC 07						+						+	
PC 08						+		+				+	

6. Matrix of provision of program learning outcomes (PRN) relevant components of the educational program

	MC 1	MC 2	MC 3	MC 4	MC 5	MC 6	MC 7	MC 8	OC 1	OC 2	OC 3	OC 4	OC 5
PLO 01					+	+			+			+	
PLO 02	+				+	+			+				+
PLO 03				+	+	+			+				
PLO 04			+	+		+				+			
PLO 05	+				+	+				+		+	
PLO 06		+	+			+				+			
PLO 07			+			+	+	+		+			
PLO 08						+					+		
PLO 09	+		+	+	+	+					+	+	+