

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

KYIV NATIONAL UNIVERSITY  
OF TECHNOLOGIES AND DESIGN

**APPROVED BY ACADEMIC  
COUNCIL**

**Chairman of the KNUTD Academic  
Council**

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## **EDUCATIONAL- SCIENTIFIC PROGRAM**

ECONOMICS

Level of higher education third (educational-scientific)

Degree of higher education Doctor of Philosophy

Branch of knowledge C Social sciences, journalism, information and international relations

Specialty C1 Economics and international economic relations

Qualification Doctor of Philosophy in Economics

Kyiv 2024

# 1. Profile of the educational-professional program C1 Economics and international economic relations

<b>1.1 – General information</b>	
<b>Full name of higher educational institution and structural unit</b>	Kyiv National University of Technologies and Design. Department of Smart Economics.
<b>Degree of higher education and the qualification in the language of the original</b>	Third (educational-scientific) level of higher education. Degree of higher education – Doctor of Philosophy (PhD). Branch of knowledge – C Social sciences, journalism, information and international . Specialty - C1 Economics and international economic relations.
<b>Type of diploma and volume of educational program</b>	PhD diploma, unitary degree, 48 ECTS credits
<b>Availability of accreditation</b>	-
<b>Cycle/ Level</b>	National Qualifications Framework of Ukraine – 8 <sup>th</sup> level.
<b>Prerequisites</b>	Master's Degree, educational and qualification level of Specialist.
<b>Language (s) of teaching</b>	Ukrainian, English.
<b>The duration of the educational program</b>	-
<b>Internet address of the permanent description of the educational program</b>	<a href="http://knutd.edu.ua/ekts/">http://knutd.edu.ua/ekts/</a>
<b>1.2 – Purpose of the educational program</b>	
Training of highly qualified Doctors of Philosophy integrated into the world scientific and educational space on the basis of acquiring general and professional competencies sufficient for the production of new ideas, solving complex problems of research and project activities, mastering the methodology of scientific and pedagogical activities, research-based consulting in the field of economy.	
<b>1.3 – Characteristics of the educational program</b>	
<b>Subject area</b>	The program is developed as an optimal combination of academic and professional requirements. It is focused on the formation of applicants' competencies for acquiring profound knowledge of the specialty, possession of general scientific (philosophical) competencies, acquisition of universal research skills and presentation of their own research results in oral and written form, in particular, in a foreign language. Compulsory educational components - 75%, of which - vocational training - 44%, general training - 34%, knowledge of a foreign language - 22%. Disciplines of free choice of the applicant, providing professional training - 25% are selected from the general university catalog in accordance with the approved procedure at the University.
<b>Orientation of the educational program</b>	Educational-scientific program for training a Doctor of Philosophy.
<b>The main focus of the program</b>	The educational-scientific program has scientific-theoretical, research and applied orientation; formed as an optimal combination of academic and professional requirements. Emphasis is placed on the formation and development of general and professional competencies in the field of economics, including light industry, fashion industry, design, higher education.

<b>Features of the program</b>	<p>The program is based on innovative project results and modern scientific research in the field of economics, taking into account its specifics.</p> <p>The program provides a combination of theoretical knowledge and practical (including pedagogical) training.</p> <p>The training is carried out in an active research environment. It involves the preparation and delivery of interactive, open lectures, seminars and round tables with the invitation of well-known experts and practitioners in economics and related fields, participation in business training, use of case methods and modern educational information and communication technologies.</p> <p>Applicants have the opportunity to conduct thorough, interdisciplinary research of light industry, fashion and design industry on the economic aspects of their functioning, as well as within the internationally recognized scientific school “Development of Theoretical and Applied Fundamentals of Higher Education Economics, Professional Training of Personnel for Business Management”.</p>
<b>1.4 – Post-graduates’ ability to work and further education</b>	
<b>Suitability for employment</b>	<p>A post-graduate is suitable for employment in enterprises, organizations and institutions operating in the field of education and science, public administration, namely: in research groups and educational units of research and production associations, corporations, banks, consulting firms, higher education institutions. , enterprises of any organizational and legal form, government agencies, state and local authorities and other enterprises and organizations.</p> <p>A post-graduate is able to hold the following positions: administrative positions – dean (head) of the faculty, head of the department, scientific secretary; scientific positions - junior researcher; researcher, senior researcher; scientific and pedagogical positions – professor of higher education institution, associate professor of higher education institution, teacher of higher educational institution, assistant; management - head of economic planning department, manager.</p>
<b>Further training</b>	Lifelong learning to improve professional, scientific and other activities. Opportunity to continue education at the scientific level of higher education (Doctor of Sciences).
<b>1.5 – Teaching and evaluation</b>	
<b>Teaching and learning</b>	<p>Student-centered and problem-oriented learning, learning through pedagogical practice and self-study are used.</p> <p>The system of teaching methods is based on the principles of purposefulness, binary - active direct participation of research and teaching staff and students of higher education.</p> <p>Forms of organization of the educational process: lecture, practical, seminar, practical training, independent work, consultations, self-study, development of professional projects (works).</p>
<b>Evaluation</b>	Oral and written exams, essays, project work, presentations, analytical reports, project and analytical tasks, testing.
<b>1.6 – Program competencies</b>	

<b>Integral Competence (IC)</b>		Ability to produce new ideas, solve complex problems in a particular field of professional and / or research and innovation, apply the methodology of scientific and pedagogical activities, as well as conduct their own research, which results possess scientific novelty, theoretical and practical significance.
<b>General competencies (GC)</b>		GC1 Ability to abstract thinking, analysis and synthesis.
		GC2 Ability to search, process and analyze information from various sources.
		GC3 Ability to work in an international context.
		GC 4 Ability to generate new ideas (creativity).
		GC 5 Ability to solve complex economic problems on the basis of a systematic scientific outlook and general cultural outlook in compliance with the principles of professional ethics and academic integrity.
<b>Professional competencies (PC)</b>		PC 1 Ability to perform 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.
		PC 2 Ability to present and discuss the results of scientific research and/or innovative developments orally and in writing in Ukrainian and English.
		PC 3 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-pedagogical activities.
		PC 4 Ability to carry out research and teaching activities in higher education institutions.
		PC 5 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 European and Euro-Atlantic integration.
		PC 6 Ability to substantiate and prepare economic decisions based on an understanding of the patterns of development of socio-economic systems and processes using mathematical methods and models.
		PC 7 Ability to initiate, develop and implement complex research projects in economics and related interdisciplinary approaches, show leadership and responsibility in their implementation; commercialize research results and ensure compliance with intellectual property rights.
		PC 8 Ability to analyze the links and mutual influence of social, economic and environmental factors for the effective management of economic processes at the macro, meso and micro levels, to determine integration vectors and priority areas of social development in the context of digital transformations.
<b>1.7 – Program Learning Outcomes</b>		
PLO 1	Possess advanced conceptual and methodological knowledge in economics, management of socio-economic systems and at the boundaries of subject areas, as well as research skills sufficient to conduct basic and applied research at the level of world achievements in the relevant field.	

PLO 2	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 achieve economic and social development in the context of globalization.
PLO 3	To 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.
PLO 4	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.
PLO 5	To propose new solutions, develop and research 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 research results and respect for intellectual property rights.
PLO 6	Freely present and discuss research results, theoretical and practical problems of economics with specialists and non-specialists in the state and foreign languages, and competently reflect research results in scientific publications in leading scientific journals.
PLO 7	Apply innovative scientific and pedagogical technologies, formulate content, learning objectives, ways to achieve them, forms of control, and be responsible for the effectiveness of the educational process in compliance with the norms of academic ethics and integrity.
PLO 8	Plan and conduct empirical and/or theoretical research in the field of economics and related interdisciplinary areas, critically analyze the results of own research and the results of other researchers in the context of the whole range of modern knowledge on the problem under study.
PLO 9	Formulate and test hypotheses; use appropriate evidence, including the results of theoretical analysis, empirical research, mathematical and/or computer modeling, and available literature to support conclusions.
PLO 10	Identify and analyze, plan and forecast the impact of modern intellectual and digital transformations on the socio-economic situation of the global and national economy, taking into account the imperatives of sustainable development.
<b>1.8 – Resource support for the implementation of the program</b>	
<b>Personnel support</b>	All scientific and pedagogical workers who provide educational and professional program by qualification, correspond to the profile and direction of the disciplines taught, have the necessary experience of pedagogical work and experience of practical work. In the process of organizing training, professionals with experience in research, management, innovation, creative work and work in the specialty, foreign lecturers are involved.
<b>Material and technical support</b>	Material and technical support allows fully ensuring the educational process throughout the training cycle of the educational program. Sanitary and technical passports that comply with current regulations certify the condition of the premises.
<b>Information, educational and methodological support</b>	The program is fully equipped with an educational and methodological complex of all components of the educational program, which are available in the modular environment of the educational process of the University.
<b>1.9 – Academic mobility</b>	
<b>National credit mobility</b>	Provides for the possibility of academic mobility in some educational components of the educational program, providing the acquisition of general or professional competences.

<b>International credit mobility</b>	The program develops prospects for participation and internships in international research projects and academic mobility programs abroad.
<b>Training of foreign applicants for higher education</b>	Training of foreign applicants for higher education is carried out according to certified educational programs.

## 2. List of components of educational-scientific program and their logical consistency

### 2.1.1 List of components of the educational part of the educational-scientific program

Code	Components of educational program (disciplines, term papers (projects), practice, qualification work)	Amount of credits	Form of final control
1	2	3	4
<b>Obligatory EP components</b>			
The cycle of general preparation			
EC 1	<a href="#">Philosophy of science and research methodology</a>	4	exam
EC 2	<a href="#">Foreign language for academic purposes</a>	8	exam
EC 3	<a href="#">Information and communication technologies in research</a>	4	credit
EC 4	<a href="#">Intellectual property and commercialization of scientific research</a>	4	credit
Total from the cycle		20	
The cycle of professional preparation			
EC 5	<a href="#">Pedagogical skills in higher education institution</a>	4	credit
EC 6	Pedagogical practice	4	credit
EC 7	<a href="#">Macroeconomic development of countries</a>	4	exam
EC 8	Intellectual economics	4	exam
Total from the cycle		16	
<b>Total amount of obligatory components</b>		<b>36</b>	
<b>Selective components of educational-scientific program</b>			
DFCS	<a href="#">Disciplines of free choice of students</a>	12	credit
<b>Total scope of selective components</b>		<b>12</b>	
<b>TOTAL SCOPE OF EDUCATIONAL PROGRAM</b>		<b>48</b>	

### 2.1.2. The content of the scientific part of the educational-scientific program of the third (educational-scientific) level of higher education

Search for scientific sources and their study. Defining the main tasks of the dissertation. Selection of optimal theoretical and / or experimental methods for their solution. Data studying, processing and analysis of the obtained results. Correction of initial hypotheses and problems in accordance with the results of the analysis. Preparation of scientific results for publication. Approbation of scientific results at scientific conferences of different levels. Generalization of research results. Final definition of the range of problems that will be considered in the dissertation, establishing the place of research in the context of the results of other authors. Formation of conclusions and recommendations. Registration of work and submission to the defense. Dissertation defense.

The dissertation is submitted for defense in the form of a specially prepared manuscript. The dissertation must contain new scientifically substantiated results

of research conducted by the applicant, which perform a specific scientific task that is essential for the field of knowledge 05 Social and behavioral sciences.

The scope of the main text of the dissertation is 6.5-9 author's sheets.

The dissertation can be written in the national or English language.

The dissertation must be prepared in accordance with the requirements established by the Ministry of Education and Science of Ukraine.

The scientific results of the dissertation must be covered in at least three scientific publications of the applicant. Such scientific publications include:

1) articles in scientific publications included in the list of scientific professional publications of Ukraine on the date of publication. If the number of co-authors in such an article (together with the applicant) is more than two people, such an article is equivalent to 0.5 publications (except for publications specified in subparagraph 2);

2) articles in periodicals published in the Web of Science Core Collection and / or Scopus databases (except for publications of the state recognized by the Verkhovna Rada of Ukraine as the aggressor state);

3) not more than one patent for an invention that has passed the qualification examination and directly relates to the scientific results of the dissertation, which is equivalent to one scientific publication;

4) individual monographs recommended for publication by the Academic Council of the University and reviewed, except for one-man monographs published in a state recognized by the Verkhovna Rada of Ukraine as an aggressor state. Individual sections in collective monographs are equated to individual monographs under the same conditions.

An article in the first to third quartiles (Q1 – Q3) according to the SCImago Journal and Country Rank or Journal Citation Reports classification, or an individual monograph that meets these requirements, is equivalent to two scientific publications.

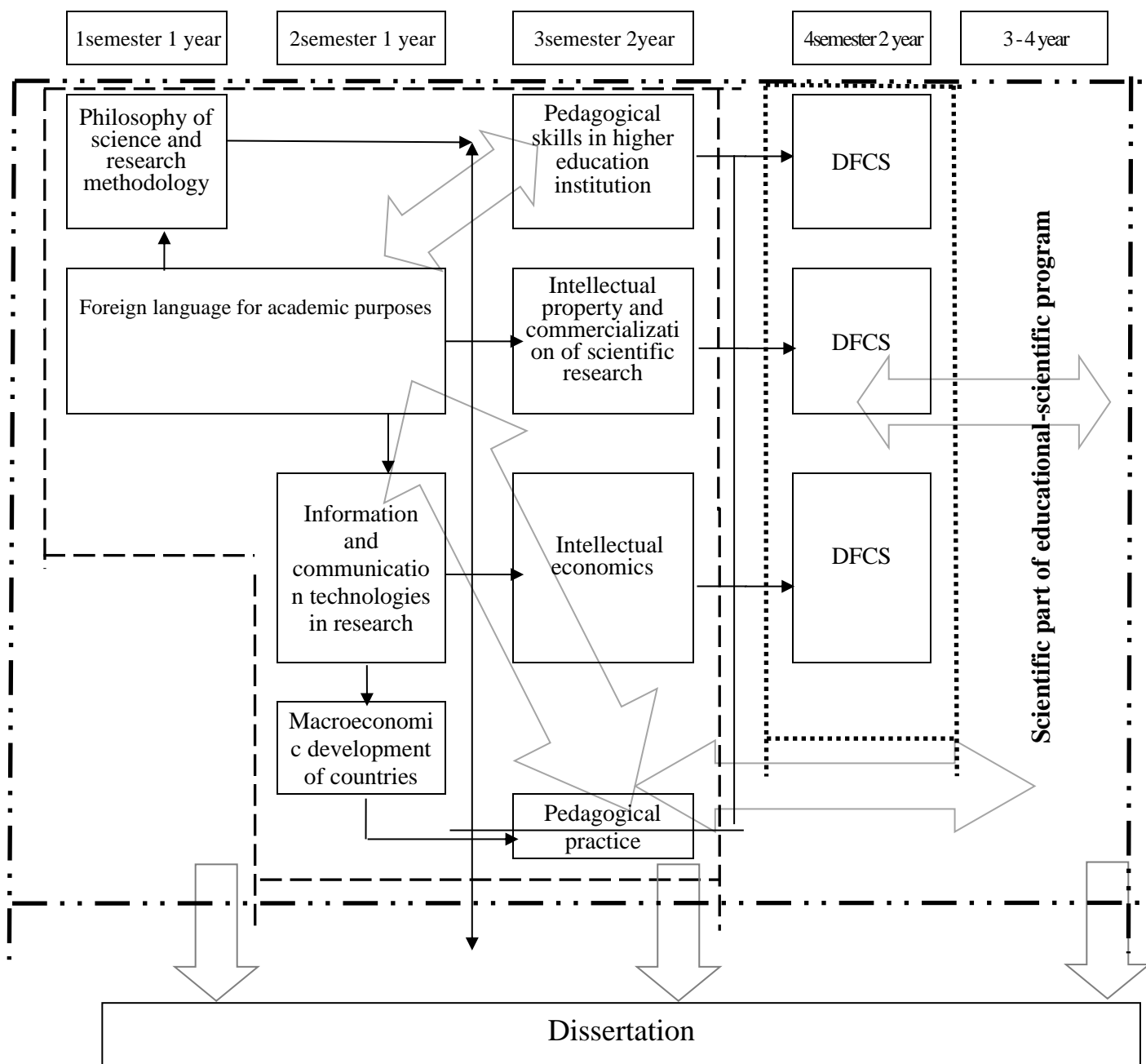
A scientific publication in the first - third quartiles (Q1 – Q3) according to the SCImago Journal and Country Rank or Journal Citation Reports classification is determined according to the rating in the year in which the relevant publication was published or if the rating for the year is not published on the date of formation of the one-time council, according to the last published rating.

Articles are credited to the topic of the dissertation only if they have an active identifier DOI (Digital Object Identifier), except for publications that contain information classified as a state secret, or information for official use.

Articles are credited on the topic of the dissertation provided that the obtained scientific results are substantiated in accordance with the purpose of the article (task) and conclusions, as well as the publication of not more than one article in one issue (issue) of a scientific publication.

The use of the applicant's scientific works in the text of the dissertation without reference to these works is not considered self-plagiarism if they are previously published in order to highlight the main scientific results of the dissertation and indicated by the applicant in the dissertation abstract.

## 2.2. Structural-logical scheme of training of Doctors of Philosophy of educational-scientific program “Economics” of the specialty 051 “Economics”



## 3. Certification form of applicants of educational-scientific program

<b>Forms of certification of higher education applicants</b>	Certification of a graduate of an educational-scientific program is carried out in the form of public defense of a dissertation for the degree of "Doctor of Philosophy" in specialty 051 Economics.
<b>Document of higher education</b>	Diploma of Doctor of Philosophy with the degree of Doctor of Philosophy in Economics (educational program "Economics").



#### 4. Matrix of compliance of program competences with the components of educational-scientific program

	GC1	GC2	GC3	GC4	GC5	GC6	GC7	GC8	GC9	GC10	GC11	GC12	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8
EC1	+		+	+				+		+	+		+						+	
EC2		+			+	+	+					+							+	+
EC3		+				+						+		+					+	+
EC4	+	+	+	+		+	+		+		+			+						+
EC5				+		+	+		+			+	+						+	+
EC6		+	+	+	+	+	+		+	+	+	+	+	+				+	+	+
EC7		+		+		+	+	+	+	+		+		+	+	+		+	+	+
EC8		+				+	+	+	+	+		+		+		+	+		+	+

#### 5. Matrix of provision of program learning outcomes with relevant components of educational-scientific program

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO10	PLO11	PLO12	PLO13	PLO14	PLO15	PLO16	PLO17
EC1					+		+			+					+	+	+
EC2					+			+						+		+	
EC3		+	+	+					+		+	+	+			+	
EC4			+		+	+			+		+	+	+		+	+	+
EC5								+						+			+
EC6	+						+	+			+		+	+	+		+
EC7	+		+	+	+				+	+	+	+	+			+	
EC8	+	+	+	+	+	+			+	+	+	+	+			+	