

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
KYIV NATIONAL UNIVERSITY TECHNOLOGIES AND DESIGN

**APPROVED BY THE SCIENTIFIC
COUNCIL**

**Chairman of the Academic Council of
KNUTD**

_____ Ivan GRYSHCENKO

(protocol «__» ____ 20__ № __)

EDUCATIONAL AND SCIENTIFIC PROGRAM

ECONOMY

Level of higher education _____ third (educational and scientific) _____

Degree of higher education _____ doctor of philosophy _____

Branch of knowledge _____ 05 Social and behavioral sciences _____

Specialty _____ 051 Economics _____

Qualification _____ Doctor of Philosophy in Economics _____

1. Profile of the educational-professional program in the specialty 051 Economics

1 - General information	
Full name of higher educational institution and structural unit	Kyiv National University of Technologies and Design. Department of Economics and Services.
Degree of higher education and the qualification in the language of the original	The third (educational-scientific) level of higher education Degree of higher education – Doctor of Philosophy (PhD) Branch of knowledge – 05 Social and behavioral sciences Specialty -051 Economics
Type of diploma and volume of educational program	PhD diploma, unitary degree, 48 ECTS credits
Availability of accreditation	-
Cycle/ Level	National Qualifications Framework of Ukraine – 8 th level
Prerequisites	Master’s Degree, educational and qualification level of Specialist)
Language (s) of teaching	Ukrainian
The duration of the educational program	-
Internet address of the permanent description of the educational program	http://knutd.edu.ua/ekts/
2- The purpose of the educational program	
<p>Increase of theoretical general university and professional training, development of general and professional competencies, which provides training of highly qualified personnel for research and project and analytical activities, scientifically sound consulting in the field of economics, as well as teaching. The program is developed in accordance with the mission of the University, aimed at acquiring competencies sufficient to produce new ideas, solving complex problems of research and project activities, mastering the methodology of scientific and pedagogical activities, as well as conducting research in economic fields, which results possess the scientific novelty.</p>	
3 – Characteristics of the educational program	
Subject area	<p>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.</p> <p>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.</p>
Orientation of the educational program	Educational-scientific program for training a Doctor of Philosophy.
The main focus of the program	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, aimed at mastering the methods and techniques of theoretical and practical scientific and teaching work.
Features of the program	The program is based on innovative project results and modern scientific research in the field of economics, taking into account its specifics. The program provides a combination of theoretical knowledge and practical (including pedagogical) training. 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 with the direct participation of applicants for the third educational-scientific level (Doctor of Philosophy).
4 – Post-graduates’ ability to work for further education	
Suitability for employment	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. A post-graduate is able to hold the following positions: administrative positions - dean, head of the department, head of research departments, scientific secretary; scientific positions - junior researcher; researcher, senior researcher; scientific and pedagogical positions - professor, associate professor, teacher of higher educational institution, assistant, teacher of vocational school; management - head of the training department, manager.
Further training	Lifelong learning to improve professional, scientific and other activities. Opportunity to continue education at the scientific level of higher education (Doctor of Sciences).
5 – Teaching and evaluation	
Teaching and learning	Student-centered and problem-oriented learning, learning through pedagogical practice and self-study are used. 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. Forms of organization of the educational process: lecture, practical, seminar, practical training, independent work, consultations, self-study, development of professional projects (works).
Evaluation	Oral and written exams, testing, essays, project work, presentations, reports, portfolio, project-analytical tasks.
6 – Program competencies	
Integral Competence (IC)	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.
General competencies (GC)	GC1 Ability to abstract thinking, analysis and synthesis.
	GC2 Ability to develop and manage projects.
	GC3 Ability to generate new ideas (creativity).
	GC 4 Formation of a systemic scientific / artistic worldview, professional ethics and general cultural outlook.

	GC 5	Ability to communicate in a foreign language.
	GC 6	Ability to use information and communication technologies.
	GC 7	Ability to work in an international context.
	GC 8	Ability to research economic problems: the formation of philosophy, methodology, logic, principles of objectivity of scientific research; hypotheses, goals, objectives and expected results of research within the general scientific process; target groups focused on R&D, management and effective use of their potential.
	GC 9	Management skills: the ability to set goals and gradually perform tasks determined by the objectives of systems analysis in economics.
	GC 10	Ability to form a systematic scientific worldview, a modern idea of the means of professional economic thinking, which combines a set of important analytical, systematic, creative and innovative qualities.
	GC 11	Ability to assess ethical responsibility for the received results of scientific activities in the field of economics and their use; understanding the responsibility for academic plagiarism and falsification of scientific theoretical or practical results, adherence to the principles of academic integrity.
	GC 12	Ability to present and discuss economic scientific-analytical and project-creative results in Ukrainian and foreign languages (English or other languages according to the specifics of the specialty) in oral and written forms.
Professional competencies (PC)	PC 1	Ability to carry out scientific and pedagogical activities.
	PC 2	Ability to generalize economic information and the ability to present it with accents of critical evaluation, evaluation of research in the field of economics by other authors on the selected topic of the dissertation, generalization and selection of the unsolved part of the economic problem.
	PC 3	Ability to have knowledge of modern paradigms of research of socio-economic systems of different levels, basic concepts, theories, models and tools of economic research.
	PC 4	Ability to apply theoretical knowledge and practical skills to generate ideas, formulate and solve scientific problems in the field of economics.
	PC 5	Ability to use appropriate scientific tools of economic research to analyze the business environment and conduct system-structural analysis in accordance with the object and subject of research.
	PC 6	Ability to analyze the links and mutual influence of social and economic factors of state and society development to ensure effective management of economic processes at the macro and micro levels, identify integration vectors and priority areas of Euro-, Euro-Atlantic integration processes of Ukraine.
	PC 7	Ability to acquire the competencies of a researcher and teacher, including oral and written presentation of the results of own research in Ukrainian and foreign languages, the use of modern information technology in research, organization and holding classes, management of research projects and / or proposals for research funding, registration intellectual property rights.
7 – Program Learning Outcomes (PLO)		
Knowledge and Understanding:		
PLO 1	To know modern theories and empirical experience on the economic development of the state, region, business entity.	

PLO 2	To know information technology and tools for system-structural analysis of the business environment.
Applying knowledge and understanding (abilities):	
PLO 3	To be able to analyze the current state of the selected object of study with the justification of proposals for the prospects of effective economic development and the level of economic security at the chosen hierarchical level of management for the study.
PLO 4	To be able to apply the methodological tools of economic analysis and forecasting based on the study of materials for making and justifying innovative and cost-effective decisions.
PLO 5	To be able to evaluate the results of research conducted by other authors and highlight the unresolved part of the problem.
PLO 6	To be able to substantiate the theoretical feasibility and practical effectiveness of the implementation of research results in the economic activities of economic entities.
PLO 7	To be able to develop the concept of scientific research, determined by the purpose and objectives.
PLO 8	To introduce research results into the teaching process through the use of modern innovative teaching methods and presentations in state and foreign languages.
PLO 9	To select and apply various types of scientific methods of information processing, to carry out processing and analytical interpretation of information, to generalize results of research of project activity.
PLO 10	To apply an integrated approach to solving conceptual economic problems.
PLO 11	To have modern information technology to interpret the results of scientific research.
PLO 12	To have scientific and practical methods of processing economic information in scientific activities.
Formation of judgements:	
PLO 13	To discuss in a foreign language environment when solving social and professional problems; to be able to translate, abstract and annotate economic texts. To form modern ideas about social responsibility in making economic decisions.
PLO 14	To carry out scientific research, research and correctly form signs of novelty in the objects that are being developed, make applications for author's works, competently analyze economic decisions in order to determine their patent purity.
PLO 15	To reflect the results of scientific research in scientific articles published both in professional domestic publications and in publications that are part of international scientometric databases.
PLO 16	To take responsibility for the results of their professional activities, adhere to professional ethics and corporate culture, the principles of academic integrity.
8 – Resource support for the implementation of the program	
Personnel support	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.
Material and technical support	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.
Information, educational and methodological support	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.
9 – Academic mobility	
National credit mobility	Provides for the possibility of academic mobility in some educational

	components of the educational program, providing the acquisition of general or professional competencies.
International credit mobility	The program develops prospects for participation and internships in international research projects and academic mobility programs abroad.
Training of foreign applicants for higher education	Training of foreign applicants for higher education is carried out according to accredited educational programs.

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

2.1.1 List of components of the educational component of the educational and scientific program

Code n/a	Components of the educational program (academic disciplines, term papers (projects), practices, qualification work)	Number of credits	Form of final control
1	2	3	4
Mandatory OP components			
General training cycle			
EK 1	Philosophy of science and research methodology	4	examination
EK 2	Foreign language for academic purposes	8	examination
EK 3	Information and communication technologies in scientific research	4	test
EK 4	Intellectual property and commercialization of scientific research	4	test
Total from the cycle		20	
Cycle of professional training			
EK 5	Pedagogical skills in high school	4	test
EK 6	Macroeconomic development of countries	4	examination
EK 7	Microeconomic development of business entities	4	examination
EK 8	Pedagogical practice	4	test
Total from the cycle		16	
The total amount of required components		36	
Selective components of the educational and scientific program			
ДФСА	Disciplines of free choice of the applicant	12	examination
The total amount of sample components		12	
TOTAL VOLUME OF THE EDUCATIONAL PROGRAM		48	