MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN

EDUCATIONAL PROFESSIONAL PROGRAM

MANAGEMENT

Level of higher education third (educational and scientific)

Degree of higher education doctor of philosophy

Field of knowledge 07 Management and administration

Specialty 073 Management

Qualification Doctor of philosophy of Management

Kyiv 2021

1. Profile of the educational and scientific program Management

1 – General information	
Full name of the institution of higher education and structural unit	Kyiv National University of Technologies and Design. Department of Management and Public Administration.
Higher education degree and qualification in the original language	The level of higher education is the third (educational and scientific). Degree of higher education – doctor of philosophy. Field of knowledge – 07 Management and administration. Specialty – 073 Management.
Type of diploma and scope of educational and professional program	Doctor of Philosophy diploma, single, 48 ECTS credits.
Availability of accreditation	-
Cycle / level	The National Qualifications Framework of Ukraine is the eighth level.
Prerequisites	Master's Degree.
Language	English
Term of the educational program	-
Internet address of the permanent placement of the description of the educational program	https://knutd.edu.ua/ekts
2 – The purpose of the educational and professional program	
The program aims to train management professionals with competencies sufficient to solve complex management problems by implementing research and innovation activities and the production, on this basis, of new knowledge. The program's main goals are: mastering the methodology of scientific and pedagogical activities; gaining experience in conducting one's scientific research, the results of which have scientific novelty, theoretical and/or practical significance for all-Ukrainian or world science.	
3 – Characteristics of educational and professional programs	
Subject area	The program has a scientific-theoretical, research and applied orientation; formed as an optimal combination of academic and professional requirements. It is focused on the formation of applicants' competencies for acquiring in-depth 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 subjects - 75%, of which - compulsory subjects of professional 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 according to the approved procedure at the University.
Orientation of the educational program	Educational and scientific program of preparation of the doctor of philosophy.
The main focus of the educational program	Emphasis is placed on the formation of competencies in the field of management, aimed at gaining the ability to master the methods of professional, managerial and scientific activities.

Features of the educational program	Are to direct applicants to a holistic understanding of the role of management in the development of modern organizations; formation of a set of competencies that will allow to search for the most effective scientifically based approaches and methods of solving specific tasks in the field of management.
4 – Suitability of graduates for employment and further study	
Suitability for employment	According to the current version of the Classifier of Professions of Ukraine DK 003: 2010, Ph.D. applicant after graduation from the educational and scientific program 073 Management may hold a position in the following categories: research and teaching activities: heads of research departments, project and program managers, teachers of universities and higher education institutions, researchers; administrative activities in state and educational institutions: senior employees of the central government, senior employees of local government and local government, heads of departments in the field of education and industrial training, directors of human resources and social relations, professionals in the field of public services, auditing, accounting, labor and employment, marketing, business efficiency, rationalization of production and intellectual property; management activities in the business sector: heads of enterprises, institutions, and organizations, leaders of production and other major divisions, heads of marketing departments, leaders of small enterprises without management staff, managers (managers) of enterprises, institutions, organizations, and their divisions. Work in management and administration by positions in scientific and state institutions departments, profile departments of universities, state and local authorities, enterprises, and organizations.
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 assessment	
Teaching and learning	Student-centered and problem-oriented learning, learning through pedagogical practice, and self-study are used. In this case, theoretical and practical problems that have not been solved in the process of scientific and social development indicate a contradiction between the acquired knowledge and what needs to be learned, researched. The difficulty in teaching encourages the applicant (the subject of cognitive activity) to enrich the knowledge. Postgraduate students are involved in active and productive activities, observe, listen, comprehend the logic of scientific research, and participate in proving hypotheses and testing the problem's correctness. During the educational process, interactive cooperation is provided with the supervisor, colleagues from the research group, and the research and teaching staff of the university, which is based mainly on an individual large-scale research project, which is carefully monitored. At the initial stage, the applicant is given some responsibility for choosing the method, subject, and organization of time. Forms of organization of the educational process: lecture, seminar, practical, laboratory classes, functional training, independent work, consultation, development of professional projects (works).
Evaluation	Exams, tests, essays, project work, presentations, reports.

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, and conduct their study, the results of which have scientific novelty, theoretical and practical significance.	
General Competences (GC)	GC 1	Ability to abstract thinking, analysis and synthesis.
	GC 2	Ability to develop and manage projects.
	GC 3	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 organize and conduct original research.
	GC 9	Ability to identify contradictions and previously unresolved issues within the subject area and taking into account interdisciplinary links.
	GC 10	Ability to act on ethical considerations and academic integrity.
Professional competencies (PC)	PC 1	Ability to carry out scientific and pedagogical activities
	PC 2	Ability to generate new ideas and solve complex problems in the field of professional and / or research and innovation.
	PC 3	Ability to reasonably choose and use methods and tools for conducting research in the field of management.
	PC 4	Ability to use the latest information technologies and tools, advanced software products, the capabilities of the global Internet in the process of producing new knowledge, obtaining scientific and practical results in the field of management and teaching practice.
	PC 5	Ability to use scientific information sources of scientific interest to the researcher, critically analyze primary and secondary information sources, including information retrieval through online search engines, synthesize the information obtained, interpret the results of scientific research in accordance with the rules of academic integrity.
	PC 6	Ability to publicly present and discuss the results of research of fundamental or applied direction on the problems of management in a foreign language (English or other according to the specifics of the specialty) in oral and written form.
	PC 7	Ability to implement innovative research results in the field of management in the practice of modern enterprises, institutions and organizations.
	PC 8	Ability to provide organizational and documentary support for independent research through the management of research projects, drafting proposals for funding research through grants, registration of intellectual property rights.
7 – Program learning outcomes		
Knowledge and understanding:		
PrLO 1	Know and understand the purpose, content and functions of science as a socio-economic institution, the problems of integration of basic and applied sciences at the level necessary to achieve other results of the educational program.	

PrLO 2	Know and understand theoretical and practical problems, the history of development and current state of scientific knowledge in the field of management, the content of basic concepts through their critical study and mastery of scientific terminology.
PrLO 3	Know and be able to use regulations governing the activities of enterprises and organizations in modern conditions.
Application of knowledge and understanding (skills):	
PrLO 4	Organize and conduct original research in the field of management at the appropriate professional level, achieve scientific results that create new knowledge to solve current problems of theory and practice.
PrLO 5	Demonstrate skills of independent research, flexible thinking, openness to new knowledge, evaluate the results of autonomous work and be responsible for personal professional development and training of others.
PrLO 6	Apply scientific and pedagogical technologies, formulate the content, learning objectives, ways to achieve them, forms of control, be responsible for the effectiveness of the educational process.
PrLO 7	Demonstrate skills of scientific communication, international cooperation, present to the general scientific community and the public in the field of management of state and foreign languages orally and in writing.
PrLO 8	Demonstrate skills of presentation and publication of research results in state and foreign languages in oral and written form.
PrLO 9	Be able to identify, describe and analyze problems in the field of management based on the synthesis of existing knowledge and generalization of current and future information.
PrLO 10	Be able to organize research activities; develop a plan for research work; generate their own new scientific ideas in compliance with the norms of professional and academic integrity, communicate their knowledge and ideas to the scientific community, expanding the boundaries of scientific cooperation.
Formation of judgments:	
PrLO 11	To act on the basis of ethical considerations and academic integrity in the process of conducting scientific research, publication of results and their implementation.
PrLO 12	To carry out critical analysis, summarize the results of scientific research, formulate and substantiate conclusions and proposals for the development of conceptual and methodological knowledge in the field of management.
PrLO 13	To form a systematic scientific worldview, to possess modern theories and concepts in the field of management.
PrLO 14	To initiate, develop and implement projects in the field of management, manage them and search for partners for their implementation.
PrLO 15	To choose and use general scientific and special methods of scientific research in the field of management.
PrLO 16	To carry out approbation and implementation of the results of own research in the field of management.
PrLO 17	To communicate freely on professional problems in the state and foreign languages orally and in writing, to discuss the results of professional activity with specialists and non-specialists, to argue their position on debatable issues.
PrLO 18	Be able to determine the directions of patterns, trends and prospects for the development of management systems at the national, regional, local and organizational levels.

8 – Resource support for program implementation	
Human resources	All scientific and pedagogical workers who provide educational and professional program qualification correspond to the profile and direction of the taught disciplines, have the necessary experience of pedagogical work and experience of practical work, confirmed level of scientific and professional activity that meets the requirements of licensing conditions. In the process of organizing training, professionals with experience in research / management / innovation / creative work and / or work in the specialty and foreign lecturers are involved.
Material and technical support	Logistics allows to fully ensure the educational process throughout the training cycle of the educational program: modern information and communication equipment, information systems and software products used in management. The condition of the premises is certified by sanitary and technical passports that comply with current regulations.
Information and training support	The program is fully equipped with an educational and methodological complex of all components of the educational program, the availability of which is presented in the modular environment of the educational process of the University. The official website http://www.knutd.edu.ua contains information about educational programs, educational, scientific and educational activities, structural units, rules of admission, contacts. Materials of educational and methodical providing of the educational and professional program are stated on the modular environment of educational process http://msnp.knutd.edu.ua. The reading room is equipped with wireless Internet access. All library resources are available through the university library website: http://biblio.co.ua/ and the institutional depository https://er.knutd.edu.ua/ Free access through the KNUTD website to the databases of professional periodicals (including in English) is provided by the participation of the university library in the ElibUkr consortium.
9 – Academic mobility	
National credit mobility	Provides for the possibility of academic mobility in some components of the educational and professional program, providing the acquisition of general and professional competencies.
International credit mobility	The program develops prospects for participation in international projects and programs of international academic mobility of all participants in the educational process.
Training of foreign applicants for higher education	Training of foreign applicants for higher education is carried out according to accredited educational programs.

2. The list of components of the educational-professional program and their logical sequence

2.1 List of components of the educational-professional program of the first (bachelor's) level of higher education

Code of educational components	Components of the educational-professional program (academic disciplines, term papers, practices, qualification work)	Number of credits	Form of final control
Required components of the educational program			
General training cycle			
EC 1	Philosophy of science and research methodology	4	exam
EC 2	Foreign language for academic purposes	8	test exam
EC 3	Information and communication technologies in scientific research	4	test
EC 4	Intellectual property and commercialization of scientific research	4	test
	Total from the cycle	20	
Cycle of professional training			
EC 5	Pedagogical skills in high school	4	test
EC 6	Global strategic management	4	exam
EC 7	Management and leadership	4	exam
	Total from the cycle	12	
	The total amount of required components	**32**	
Selective components of OP			
ECFC	Educational components of free choice of the student	12	test exam
	The total amount of selective components	**12**	
	Pedagogical practice	4	test
TOTAL VOLUME OF THE EDUCATIONAL PROFESSIONAL PROGRAM		**48**	

2.1.2 Content of the scientific component of the educational-scientific program of the third (educational-scientific) level of higher education

Search for scientific sources and their processing. They define the main tasks of the dissertation. Selection of optimal theoretical and/or experimental methods for their solution. Data mining, processing, and analysis of the obtained results. Correction of initial hypotheses and problems following the results of the study. Preparation of scientific results for publication. Approbation of scientific results at scientific conferences of different levels. Generalization of research results. The final definition of the range of problems that will be considered in the dissertation establishes 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 main scientific results of the dissertation must be covered in at least three scientific publications that reveal the main content of the dissertation. Such scientific publications include:

not less than one article in periodical scientific publications of other states that are members of the Organization for Economic Cooperation and Development and/or the European Union, in the scientific field for which the applicant's dissertation was prepared. Such publication may be equated with publication in publications included in the list of professional scientific publications of Ukraine with the assignment of category "A", or in foreign publications indexed in the databases Web of Science Core Collection and / or Scopus;

articles in scientific publications included in the list of professional scientific publications of Ukraine with the assignment of category “B” (instead of one article, a monograph or a section of a monograph published in co-authorship may be included).

A scientific publication in the edition referred to in the first - third quartiles (Q1 - Q3) according to the classification Scimago Journal and Country Rank or Journal Citation Reports is equated to two publications, which are credited in accordance with the first paragraph of this paragraph.

Scientific publications are credited on the topic of the dissertation subject to the following conditions:

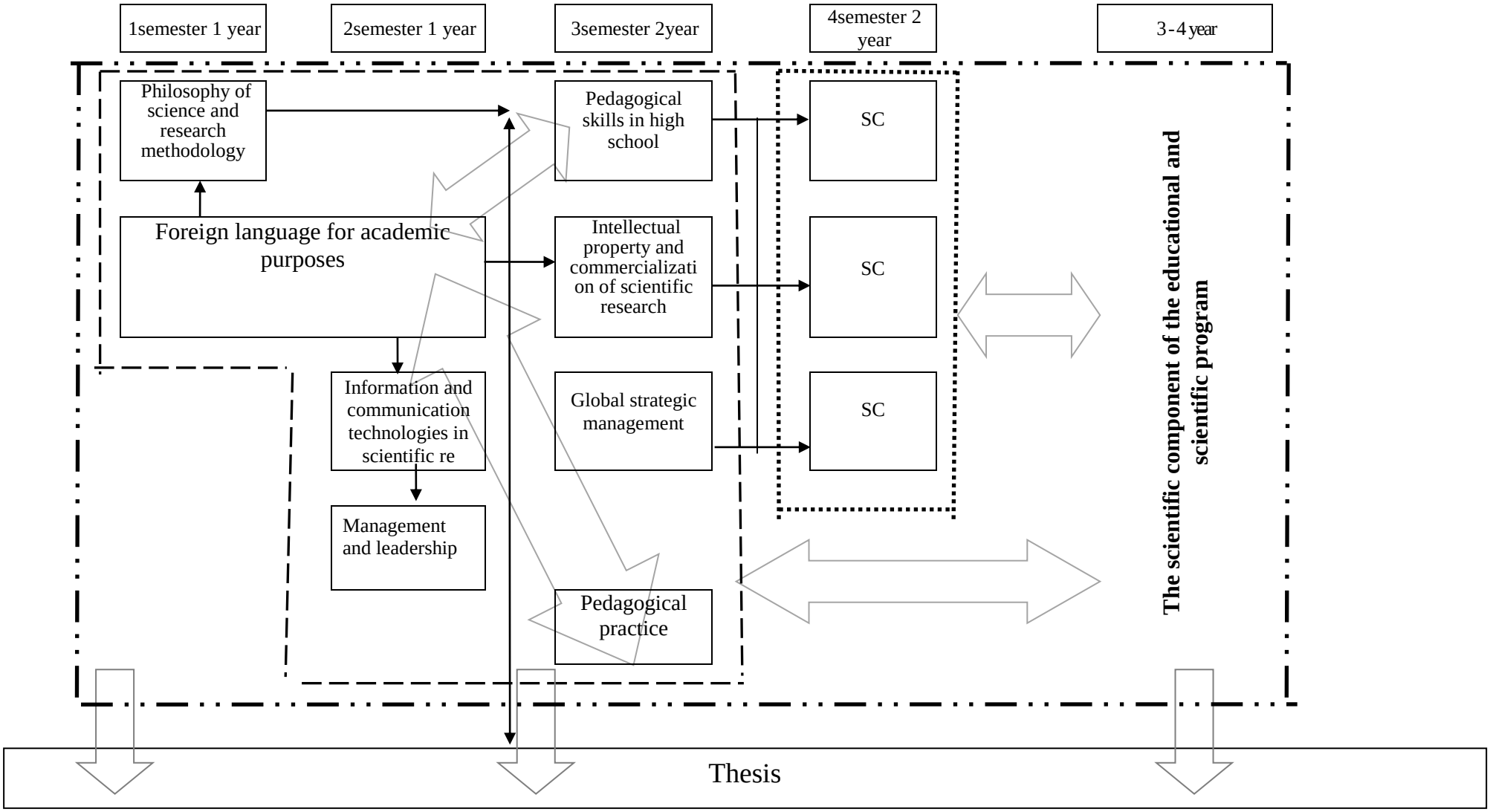
substantiation of the obtained scientific results in accordance with the purpose of the article (task) and conclusions;

publication of articles in professional, scientific publications, which on the date of their publication are included in the list of professional, scientific publications of Ukraine, approved in the manner prescribed by law;

publication of articles in scientific periodicals of other states in the scientific field for which the applicant's dissertation was prepared, provided that the dissertation materials, determined by the council, are complete;

publication of no more than one article in one issue (issue) of a scientific journal.

2.2 Structural and logical scheme of preparation of the doctor of philosophy of the educational and scientific program Management on a



3 Form of certification of applicants for higher education

Form of certification of applicants for higher education	Certification of a graduate of an educational program is carried out in the form of public defense of the dissertation.
Higher education document	Diploma of Doctor of Philosophy with the award of educational qualification: Doctor of Philosophy in Management, specialty 073 Management (educational and scientific program Management).

4. Matrix of correspondence of program competencies to the components of the educational-professional program

Code	GC 1	GC 2	GC 3	GC 4	GC 5	GC 6	GC 7	GC 8	GC 9	GC 10	PC 4	PC 5	PC 6	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8
EC 1	+	+	+	+			+	+	+		+	+	+						+	+	+
EC 2			+		+	+	+														+
EC 3	+	+	+		+	+	+	+			+		+	+	+		+		+	+	+
EC 4	+	+	+	+		+	+			+	+	+			+		+		+	+	+
EC 5				+		+	+	+			+				+	+					
EC 6				+		+	+	+			+				+	+					
EC 7	+	+	+	+			+	+	+			+	+		+	+		+	+	+	+
EC 8	+	+	+	+			+	+	+			+	+		+	+		+	+	+	+

5. Matrix for providing program learning outcomes with relevant components of the educational-professional program

Code	PRLO1	PRLO2	PRLO3	PRLO4	PRLO5	PRLO6	PRLO7	PRLO8	PRLO9	PRLO10	PRLO11	PRLO12	PRLO13	PRLO14	PRLO15	PRLO16	PRLO17	PRLO18
EC 1	+				+	+	+					+			+			
EC 2										+							+	
EC 3						+	+			+					+			
EC 4				+			+			+					+			
EC 5								+	+	+						+		
EC 6								+	+	+						+		
EC 7		+	+		+	+			+	+	+		+					+
EC 8		+	+		+		+			+	+			+				+