

EDUCATIONAL PROFESSIONAL PROGRAM
INNOVATION MANAGEMENT

Level of higher education second (master's)

Degree of higher education Master's degree

Field of knowledge 07 Management and administration

Specialty 073 Management

Qualification Master of Management

Kyiv 2021

1. Profile of the educational-professional program Innovation 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 <u>second (master's)</u> . Degree of higher education - Master. Field of knowledge – 07 Management and administration. Specialty – 073 Management.
Type of diploma and scope of educational and professional program	Master's degree, single, 90 ECTS credits.
Availability of accreditation	UD certificate № 11007781 dated January 8, 2019, valid until July 1, 2024.
Cycle / level	The National Qualifications Framework of Ukraine is the seventh level.
Prerequisites	Bachelor's degree or educational qualification level of a specialist.
Language	English
Term of the educational program	Until July 1, 2024.
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	
<p>The goal is training of specialists who have deep theoretical knowledge, as well as basic and professional competencies to ensure effective management of innovation based on existing scientific concepts and approaches, and the introduction of modern models of innovative development of the enterprise.</p> <p>The program's main objectives are training specialists capable of identifying and solving complex tasks and problems in innovation management or the learning process, involving research and/or innovation and characterized by the uncertainty of conditions and requirements.</p>	
3 – Characteristics of educational and professional programs	
Subject area	<p>The program is focused on the formation of applicants for competencies to acquire deep knowledge, skills, and abilities in the specialty.</p> <p>Compulsory educational components – 73%, of which: disciplines of general training – 6%, vocational training – 50%, practical training – 12%, learning a foreign language – 6%, diploma design – 26%. Disciplines of students' free choice – 27% are selected from the university catalog following the approved procedure at the University.</p> <p>The object of study: management of organizations and their departments.</p> <p>The theoretical content of the subject area: paradigms, laws, patterns; principles, historical preconditions of management development; concepts of system, situational, adaptive, anticipative, anti-crisis, innovation, project management, etc .; functions, methods, technologies, and management decisions in management.</p> <p>Methods, techniques and technologies: general scientific and specific research methods (calculation-analytical, economic-statistical, economic-mathematical, expert evaluation, factual, sociological, documentary, balance sheet, etc.); methods of realization of management functions (methods of marketing researches; methods of economic diagnostics; methods of forecasting and planning; methods of designing of organizational structures of management; methods of motivation; methods of control; methods of estimation of social, organizational and economic efficiency in management, etc.); management methods</p>

	(administrative, economic, socio-psychological, technological); technologies for substantiation of management decisions (economic analysis, simulation modeling, decision tree, etc.).
Orientation of the educational program	Educational and professional program for master's degree preparation.
The main focus of the educational program	Emphasis is placed on the formation and development of professional competencies in innovation management based on the study of theoretical and methodological provisions, organizational and practical tools for managing the activities of economic entities of various corporate and legal forms and activities.
Features of the educational program	<p>The peculiarities of the program are the comprehensive provision of relevant interdisciplinary knowledge, development of skills and abilities that provide the formation of a system of general and professional competencies for the organization and management in the field of investment and innovation.</p> <p>The program's uniqueness is due to its priority focus on managing innovation activities of enterprises and organizations that are drivers of the country's economic development.</p> <p>Training takes place through a combination of theoretical and methodological, professional and practical, and research training.</p> <p>It is planned to teach specific disciplines in English.</p>
4 – Suitability of graduates for employment and further study	
Suitability for employment	<p>The graduate is suitable for employment in organizations and institutions operating within all major economic activities (mining and processing industry, construction, agriculture, finance, etc.).</p> <p>The specialist can hold primary positions:</p> <p>14 Managers (managers) of enterprises, institutions, organizations, and their divisions:</p> <p>143 Managers (managers) in the manufacturing industry and in the production of electricity, gas, and water:</p> <p>1439 Managers (managers) in other areas of the manufacturing industry and in the production of electricity, gas, and water;</p> <p>1474 Managers (managers) in the field of research and development;</p> <p>1475.3 Market research managers (managers);</p> <p>1475.4 Managers (managers) for business and management;</p> <p>149 Managers (managers) in other types of economic activity:</p> <p>1499 Managers (managers) for different kinds of economic activity, not included in other groups;</p>
Further training	Opportunity to study at the third (educational and scientific) higher education level - Doctor of Philosophy. Acquisition of additional qualifications in the system of postgraduate education
5 – Teaching and assessment	
Teaching and learning	<p>Student-centered and problem-oriented learning, learning through educational, industrial, undergraduate 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.</p> <p>Forms of organization of the educational process: lecture; seminar, practical, laboratory classes; practical training; individual work; consultations; development of professional projects (works).</p>
Evaluation	Oral and written exams, essays, presentations, reports, tests, term papers (project) work.
6 – Program competencies	

Integral competence (IC)	The ability to solve complex problems and problems in management or the learning process, involving research and/or innovation under uncertain conditions and requirements.	
General Competences (GC)	GC 1	Ability to conduct research at the appropriate level.
	GC 2	Ability to communicate with representatives of other professional groups of different levels (with experts from other fields of knowledge / types of economic activity).
	GC 3	Skills in the use of information and communication technologies.
	GC 4	The ability to motivate people and move towards a common goal.
	GC 5	Ability to act on the basis of ethical considerations (motives).
	GC 6	Ability to generate new ideas (creativity).
	GC 7	Ability to abstract thinking, analysis and synthesis.
Professional competencies (PC)	PC 1	Ability to select and use management concepts, methods and tools, including in accordance with defined objectives and international standards.
	PC 2	Ability to set values, visions, mission, goals and criteria by which the organization determines further directions of development, to develop and implement appropriate strategies and plans.
	PC 3	Ability for self-development, lifelong learning and effective self-management.
	PC 4	Ability to effectively use and develop the organization's resources.
	PC 5	Ability to create and organize effective communications in the management process.
	PC 6	Ability to form leadership qualities and demonstrate them in the process of managing people.
	PC 7	Ability to develop projects, manage them, show initiative and entrepreneurship.
	PC 8	Ability to use psychological technology to work with staff.
	PC 9	Ability to analyze and structure the problems of the organization, make effective management decisions and ensure their implementation.
	PC 10	Ability to manage the organization and its development.
	PC 11	Ability to conduct research activities, including analysis of problems, setting goals and objectives, choosing the method and methods of research, as well as assessing its quality.
	PC 12	Ability to determine the criteria of the enterprise and analyze the impact of the results of its activities on the environment to identify prospects.
	PC 13	Ability to use existing and new technologies, to know their impact on new / future markets.
	PC 14	Ability to use the principles of engineering, design and their relationship to business and / or knowledge management.

7 – Program learning outcomes	
Knowledge and understanding:	
PrLO 1	Know theories, methods, and functions of management, modern concepts of leadership.
PrLO 2	Know the systems research methodology, research methods, and analysis of complex objects and processes, understand their complexity, diversity, and versatility to solve applied problems in professional activity.
PrLO 3	Understand the essence of the development process of innovation activities of economic entities and the mechanism of innovation management.
PrLO 4	Understand the need to coordinate the interaction of employees in the process of managing innovation activities of enterprises.
Application of knowledge and understanding (skills):	
PrLO 5	Critically comprehend, select and use the necessary scientific, methodological, and analytical tools for managing unpredictable conditions.
PrLO 6	Identify problems in the organization and justify methods for solving them.
PrLO 7	Design effective management systems for organizations.
PrLO 8	Substantiate and manage projects, generate business ideas;
PrLO 9	Plan the activities of the organization in strategic and tactical sections
PrLO 10	Have the skills to make, justify and ensure the implementation of management decisions in unpredictable conditions, taking into account the requirements of applicable law, ethical considerations, and social responsibility
PrLO 11	Organize and carry out effective communication within the team, with representatives of various professional groups, and internationally.
PrLO 12	Use specialized software and information systems to solve management problems of the organization;
PrLO 13	Demonstrate leadership skills and ability to work in a team, interact with people, influence their behavior to solve professional problems;
PrLO 14	Provide personal, professional development and plan your own time.
PrLO 15	Be able to delegate authority and management of the organization (unit).
PrLO 16	Be able to plan and implement the organization's information, methodological, material, financial, and personnel support (unit).
Formation of judgments:	
PrLO 17	Be able to communicate in professional and scientific circles in the state and foreign languages.
PrLO 18	Develop and implement measures for adaptation and implementation of best domestic and foreign practices of innovative activities of enterprises and organizations.
PrLO 19	Identify and implement effective forms of technology transfer.
PrLO 20	Use modern methods of scientific knowledge and research in the field of innovation management.
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.

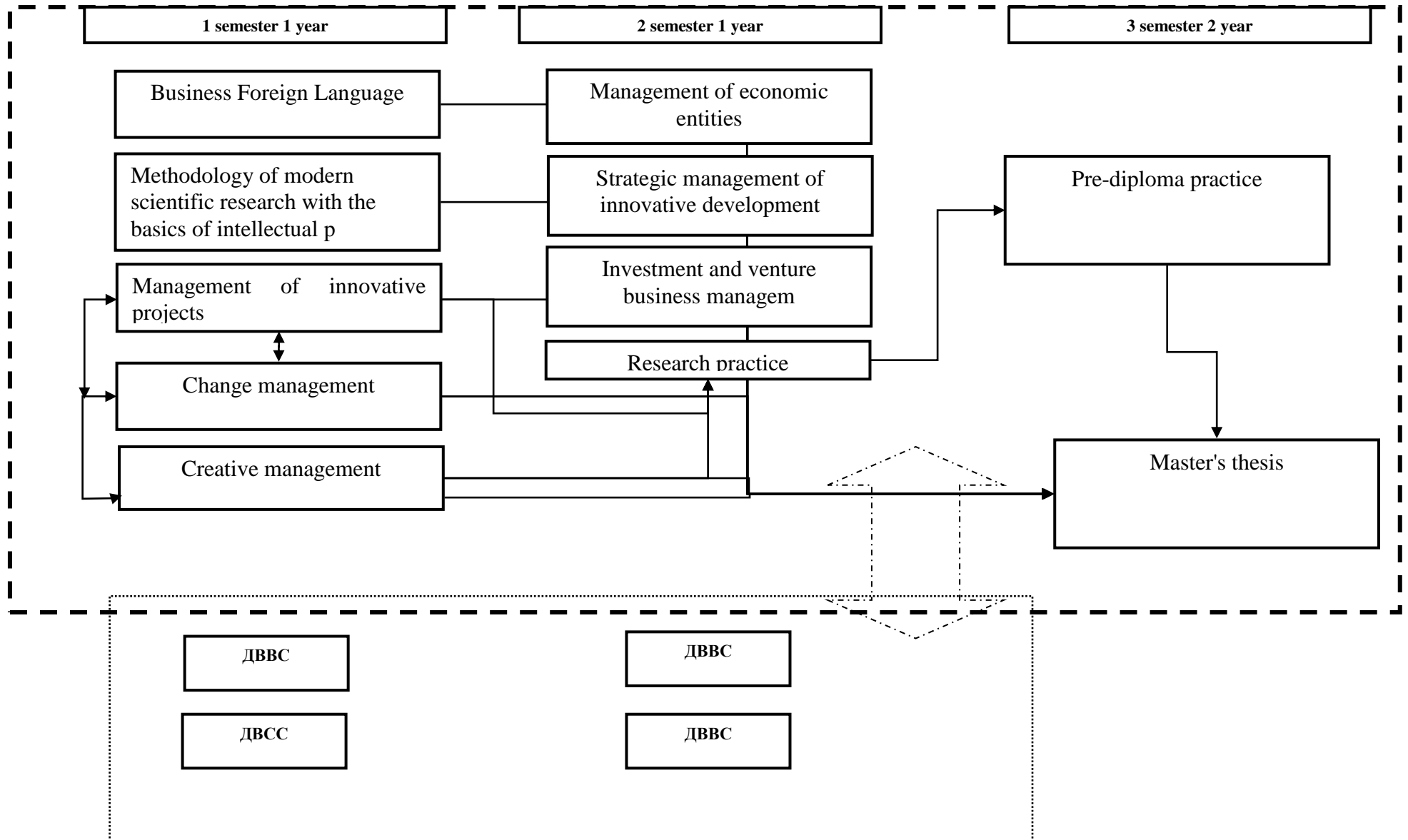
Information and training support	<p>The program is fully equipped with an educational and methodological complex of all components of the educational program, the availability of which is presented in the modular environment of the educational process of the University.</p> <p>The official website http://www.knutd.edu.ua contains information about educational programs, educational, scientific and educational activities, structural units, rules of admission, contacts.</p> <p>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.</p> <p>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/</p> <p>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.</p>
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	Business Foreign Language (English , German , French)	3	test
EC 2	Methodology of modern scientific research with the basics of intellectual property	3	exam
Total from the cycle		48	
Cycle of professional training			
EC 3	Innovation project management	6	exam
EC 4	Change management	3	exam
EC 5	Creative management	3	exam
EC 6	Management of economic entities	6	exam
EC 7	Strategic management of innovative development	3	exam
EC 8	Investment and venture business management	3	exam
EC 9	Research practice	6	test
EC 10	Pre-diploma practice	9	test
EC 11	Master's thesis	21	attestation
Total from the cycle		60	
The total amount of required components		66	
Selective components of OP			
ECFC	Educational components of free choice of the student	24	test
TOTAL VOLUME OF THE EDUCATIONAL PROFESSIONAL PROGRAM		90	

2.2 Structural and logical scheme of the educational and professional program of Innovation Management in the specialty 073 Management



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 conducted in the form of public defense of a master's thesis.
Higher education document	State diploma on awarding a master's degree with a qualification: Master of 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	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13	PC 14	
EC 1		+																				
EC 2	+				+													+				
EC 3	+	+	+		+	+		+	+				+	+					+	+	+	
EC 4	+	+		+			+	+		+		+	+		+	+	+		+			+
EC 5	+			+		+				+		+	+	+	+			+		+		
EC 6	+	+	+	+			+	+			+	+	+			+	+		+			+
EC 7	+	+				+			+		+	+		+	+	+	+			+		
EC 8	+		+		+		+	+		+	+	+						+	+			
EC 9	+		+		+	+	+							+				+				+
EC 10	+	+	+		+	+	+							+			+					+
EC 11	+		+		+	+	+							+			+					+

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	PRLO19	PRLO20	
EC 1					+												+			+	
EC 2					+									+							+
EC 3	+		+				+	+			+		+			+		+	+		
EC 4	+	+		+		+	+		+	+			+			+					
EC 5	+			+				+			+		+						+	+	
EC 6	+	+				+	+		+	+				+	+	+					
EC 7	+		+	+				+	+					+				+		+	
EC 8	+		+	+				+					+					+		+	
EC 9	+	+			+						+			+		+			+		
EC 10	+		+					+				+		+		+					
EC 11	+	+					+					+		+	+					+	