

**INSTITUTION OF HIGHER EDUCATION
"KROK" UNIVERSITY**

**EDUCATIONAL PROGRAM
Project Management (Eng. lang.)
second level of higher education
field of knowledge 07 "Management and Administration"
specialty 073 "Management"**

**APPROVED
BY SCIENTIFIC COUNCIL OF
"KROK" UNIVERSITY
Chairman of the Academic Council
S.M. Laptiev
(Protocol № 6 April 29, 2021)**



Kyiv – 2021

PREFACE

Developed by a working group consisting of:

1. Rach V.A. – Director of the Educational and Scientific Institute of Information and Communication Technologies, Doctor of Technical Sciences, Professor, Honored Worker of Science and Technology of Ukraine.
2. Medvedieva O.M. – Professor of Mathematical Methods and Statistics, Doctor of Technical Sciences, Professor.
3. Zhdanov S.M. – IT process manager, Novus Ukraine LLC.
4. Alatom M.F.A. – Candidate of Technical Sciences (specialty 05.13.22 - project and program management, 2015), practicing consultant.

Approved by the Department of Mathematical Methods and Statistics (protocol №8 March 25, 2021).

1. PROFILE OF THE EDUCATIONAL PROGRAM

SPECIALTY 073 MANAGEMENT

1 - General information	
Full title of the higher educational institution and structural subdivision	Institution of higher education "KROK" University Educational and Scientific Institute of Information and Communication Technologies Department of Mathematical Methods and Statistics
Qualification	Master of Management
The official title of the educational program	Project Management
Type of diploma and scope of educational program	Master's degree, single, 120 ECTS credits, term of study 1 year 10 months
Availability of accreditation	Certificate of accreditation NO №1190886 in accordance with the decision of the Accreditation Commission from 31.03.2015 protocol №115 (order of the Ministry of Education and Science of Ukraine from 14.04.2015 №5531) in the field of knowledge 07 Management and Administration 073 Management at the master's level. Validity of the certificate until 01.07.2025
Cycle/level	NRC of Ukraine – level 7, FQ-EHEA – second cycle, EQF-LLL – level 7
Prerequisites	Bachelor's degree
Language (s) of instruction	English, Ukrainian
Internet address of the permanent post of the description of the educational program	https://int.krok.edu.ua/en/programs/graduate/master-degree-in-english
2 - The purpose of the educational program	
Training of specialists able to use the project management methodology in order to manage the creation of products with unique properties for innovative solution of complex problems within the customer's activities.	
3 - Characteristics of the educational program	
Subject area (field of knowledge, specialty, specialization (if available))	<p>Object of study: project management of project-oriented organizations or their departments.</p> <p>Theoretical content of the subject area:</p> <ul style="list-style-type: none"> - paradigms, laws, patterns, principles, historical prerequisites for development of the management; - concepts of systemic, situational, adaptive, antisipative, anti-crisis, innovational, project management, etc.; - functions, methods, technologies, and managerial decisions in the management of project-oriented organizations. <p>Methods, techniques, and technologies:</p> <ul style="list-style-type: none"> - general scientific and specific research methods (computational-analytical, economic-statistical, economic-mathematical, expert evaluation, factual, sociological, documentary, balance, etc.); - methods to implement managerial functions (methods of marketing research; economic diagnostics; forecasting and planning; design of organizational management structures; motivation; control; evaluation of social, organizational, and economic efficiency in management, etc.). - methods of management (administrative, economic, socio-psychological, technological); - technologies to substantiate managerial decisions (economic analysis, simulation, decision tree, etc.).

	Tools and equipment: modern information and communication equipment, information systems and software products used in project management.
Orientation of the educational program	Academic
The main focus of the educational program and specialization	General master's degree in management, focused on the development of socio-economic systems through projects, adaptation to the real conditions of projects of different types, scale, and level of complexity.
Features of the program	Education based on scientific and practical achievements of the scientific school VARIORUM "Management of innovative development of socio-economic systems in the era of knowledge economy", which focuses on the formation of FICS-thinking (Fuzzy, Interactive, Creative, Systemic), own project manager toolbox; quad mode of the educational process.
4 - Suitability of graduates for employment and further study	
Suitability for employment	Graduates can work in professions according to the National Classification of Ukraine (ДК 003: 2010): 1238 Manager of projects and programs in the field of tangible (intangible) production; Professional certification of UPMA, IPMA at level D.
Further training	Third (educational and research) level of higher education – Doctor of Philosophy. Acquisition of additional qualifications in the system of postgraduate education.
5 - Teaching and Assessment	
Teaching and learning	Forms of teaching: lectures, practical classes, independent work, consultations with teachers, trainings (workshops), performance of educational and research tasks, preparation of qualification work. Approaches and learning technologies: student-centered learning, self-study, problem-oriented learning, project-based learning.
Assessment	Forms of control: oral and written questionnaires, quizzes tasks, case studies, reports on practical work, defense of practical work, quizzes, exams, defense of educational and research tasks, defense of qualifying work. Assessment of applicants' academic achievements is based on Bloom's modernized taxonomy and carried out on a 12-point scale with translation into the traditional 100-point and 4-point scale (excellent, good, satisfactory, unsatisfactory).
6 - Program competencies	
Integral competence	Ability to solve complex tasks and problems in the field of Management or in the learning process, which involves research and/or innovation under uncertainty about conditions and requirements.
General Competences (GC)	GC1. Ability to conduct research at the appropriate level; GC2. Ability to communicate with representatives of other professional groups of different levels (with experts from other fields of knowledge/economic activities); GC3. Skills in the use of information and communication technologies; GC4. Ability to motivate people and move towards a common goal; GC5. Ability to act based on ethical considerations (motives); GC6. Ability to generate new ideas (creativity).
Professional competencies of the specialty (PC)	PC1. Ability to select and use managerial concepts, methods and tools, including in accordance with defined goals and international standards; PC2. 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; PC3. Ability for self-development, lifelong learning and effective self-management; PC4. Ability to effectively use and develop the organization's resources; PC5. Ability to create and organize effective communications in the management process;

	<p>PC6. Ability to form leadership qualities and demonstrate them in the process of managing people;</p> <p>PC7. Ability to develop projects, manage them, dispose initiative and entrepreneurship;</p> <p>PC8. Ability to use psychological technologies to deal with staff.</p> <p>Defined by the educational program:</p> <p>PC9. Ability to manage projects based on classical methodology (PMBok).</p>
7 - Program learning outcomes	
	<p>PO1. Critically comprehend, select and use the necessary research, methodological and analytical tools for management in unpredictable conditions;</p> <p>PO2. Identify problems in the organization and justify methods to solve them;</p> <p>PO3. Design effective management systems for organizations;</p> <p>PO4. Substantiate and manage projects, generate business ideas;</p> <p>PO5. Plan the activities of the organization in strategic and tactical contexts;</p> <p>PO6. Have the skills to make, justify and ensure the implementation of managerial decisions in unpredictable conditions, taking into account the requirements of applicable law, ethical considerations and social responsibility;</p> <p>PO7. Organize and carry out effective communication within the team, with representatives of other professional groups and in the international context;</p> <p>PO8. Use specialized software and information systems to solve the problems of organization management;</p> <p>PO9. Be able to communicate in professional and scientific circles in state and foreign languages;</p> <p>PO10. Demonstrate leadership and ability to work in a team, interact with people, influence their behavior to solve professional problems;</p> <p>PO11. Provide personal professional development and time management</p> <p>Defined by the educational program:</p> <p>PO12. Apply methods and tools for project management based on PMBoK.</p>
8 - Resource support for program implementation	
Staff support	Full-time employees of the university, leading teachers of academic research institutions, teachers-practitioners, Doctors of Philosophy who meet the qualification requirements in accordance with the educational program are involved in education.
Material and technical support	<p>Meets the license conditions for educational activities:</p> <ul style="list-style-type: none"> – educational multimedia classrooms; – computer laboratories; – library, including reading room; – gyms; – dining room; – hostel; – medical point.
Information and educational and methodological support	Meets the licensing conditions of educational activities. The Moodle virtual educational environment is used to access the teaching and methodological support of the disciplines.
9 - Academic mobility	
National credit mobility	According to the programs of academic mobility within the programs and/or agreements of "KROK" University with other institutions of higher education of Ukraine.
International credit mobility	It is organized in accordance with inter-institutional, bilateral, and multilateral agreements on international cooperation concluded by «KROK» University with more than 60 foreign higher education institutions; agreements on international credit mobility (including the EU Erasmus+ program, regional and national grant programs).

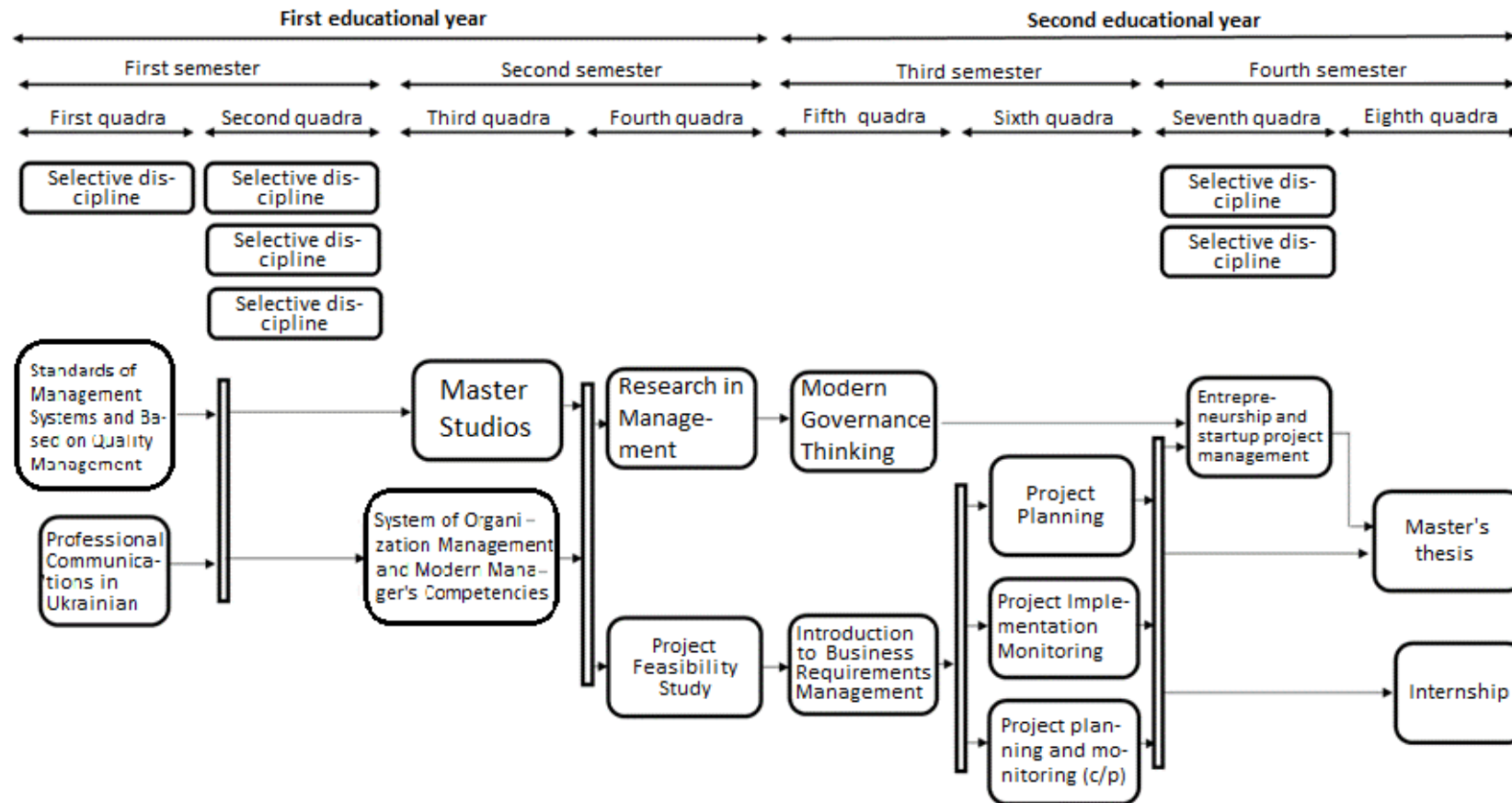
	The selection of applicants for mobility programs is carried out in accordance with the Regulations on Academic Mobility, by competition. The responsible department is the International Office.
Training of foreign applicants for higher education	According to the rules of the Ministry of Education and Science of Ukraine and the rules of admission of "KROK" University.

2. LIST OF COMPONENTS OF EDUCATIONAL PROGRAM WITH LOGICAL SEQUENCE

2.1. List of OP components

Code	Components of the educational program (academic courses, course projects (works), practices, qualification work)	Number of credits	Form of final control
1	2	3	4
Compulsory EP components			
PCS1	Master Studios	4	diff. credit
PCS2	Research in Management	8	exam
PCS3	Modern Governance Thinking	8	exam
PCS4	System of Organization Management and Modern Manager's Competencies	8	exam
PCS5	Standards of Management Systems and Quality Based Management	8	exam
PCS6	Professional Communications in Ukrainian	6	diff. credit
PCP1	Project Feasibility Study	7	exam
PCP2	Introduction to Business Requirements Management	4	diff. credit
PCP3	Project Planning	7	exam
PCP4	Project Implementation Monitoring	6	exam
B1.1	Entrepreneurship and startup project management	6	diff. credit
B1.2	Project planning and monitoring	2	course paper
B1.3	Internship	6	diff. credit
B1.4	Master's thesis	9	defense
Total amount of mandatory components:		89	
Selective EP components*			
FSC1	Selective course 1	6	diff. credit
FSC2	Selective course 2	3	diff. credit
FSC3	Selective course 3	6	exam
FSC4	Selective course 4	6	exam
FSC5	Selective course 5	6	diff. credit
FSC6	Selective course 6	4	diff. credit
The total amount of selective components:		31	
TOTAL VOLUME OF THE EDUCATIONAL PROGRAM		120	

2.2. Structural and logical scheme of EP



*According to the Law of Ukraine “On Higher Education”, applicants have the right to choose the training components within the limits provided by the relevant educational program and work curriculum, in the amount of at least 25 percent of the total number of ECTS credits provided for this level of higher education. At the same time, students of a certain level of higher education have the right to choose courses offered for other levels of higher education, in agreement with the head of the relevant faculty or department.

3. FORM OF CERTIFICATION OF APPLICANTS FOR HIGHER EDUCATION

Forms of certification of applicants for higher education	Certification is carried out in the form of public defense of the qualification work
Requirements for qualification work	Qualification work should provide solving a complex task or problem in the field of project management of project-oriented organization, its units that requires research and/or innovation and is characterized by complexity and uncertainty of conditions, using theories and methods of economics. Qualification work should not contain academic plagiarism, falsification, fabrication. Qualification work must be published on the official website of the higher education institution or its subdivision, or in the repository of the higher education institution.

4. MATRIX OF CORRESPONDENCE OF PROGRAM COMPETENCIES COMPONENTS OF THE EDUCATIONAL PROGRAM

Code	Educational components	General competencies						Professional competencies									
		1	2	3	4	5	6	1	2	3	4	5	6	7	8	9	
PCS1	Master Studios	+						+		+							+
PCS2	Research in Management	+						+									+
PCS3	Modern Governance Thinking	+		+			+	+	+								+
PCS4	System of Organization Management and Modern Manager's Competencies	+	+			+					+	+					
PCS5	Standards of Management Systems and Quality Based Management								+								
PCS6	Professional Communications in Ukrainian					+											
PCP1	Project Feasibility Study			+					+					+		+	
PCP2	Introduction to Business Requirements Management			+					+					+		+	
PCP3	Project Planning			+									+				+
PCP4	Project Implementation Monitoring			+									+				+
B1.1	Entrepreneurship and startup project management				+											+	
B1.2	Project planning and monitoring			+									+				+
B1.3	Internship	+		+	+		+	+	+				+		+		+
B1.4	Master's thesis	+	+	+	+	+	+	+	+			+	+	+	+	+	+

5. MATRIX FOR PROVIDING PROGRAM LEARNING OUTCOMES BY RELEVANT COMPONENTS OF THE EDUCATIONAL PROGRAM

Code	Educational components	Program Results												
		PR1	PR2	PR3	PR4	PR5	PR6	PR7	PR8	PR9	PR10	PR11	PR12	
PCS1	Master Studios	+											+	
PCS2	Research in Management	+												
PCS3	Modern Governance Thinking	+	+				+							
PCS4	System of Organization Management and Modern Manager's Competencies			+				+			+			
PCS5	Standards of Management Systems and Based on Quality Management					+								
PCS6	Professional Communications in Ukrainian									+				
PCP1	Project Feasibility Study		+											+
PCP2	Introduction to Business Requirements Management		+											+
PCP3	Project Planning								+					+
PCP4	Project Implementation Monitoring								+					+
B1.1	Entrepreneurship and startup project management				+									
B1.2	Project planning and monitoring								+					+
B1.3	Internship	+	+		+		+		+					+
B1.4	Master's thesis	+	+	+	+	+	+	+	+		+			+