### MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE SIMON KUZNETS KHARKIV NATIONAL UNIVERSITY OF ECONOMICS

APPROVED Academic Council of Simon Kuznets Kharkiv National University of Economics dated 23.05.2023 year, minute № 6 AGREED

Rector of Simon Kuznets Kharkiv National University of Economics dated 23.05.2023 year, minute № 144

\_\_\_\_\_Volodymyr PONOMARENKO

# EDUCATIONAL AND PROFESSIONAL PROGRAM «LOGISTICS»

**LEVEL OF HIGHER EDUCATION** 

**STUDY CYCLE** 

FIELD OF KNOWLEDGE

SPECIALITY

First (bachelor's) degree

**Bachelor's degree** 

07 Management and administration

073 Management

### PREAMBLE

Developers:

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Lytvynov Ihor Viacheslavovych – higher education student;

Kuprinenko Oleg Mykolaiovych – Head of the Import and Export Transportation Sector of «Omega» LLC.

Approved at the meeting Management, Logistics and Innovations Department, minute № 11 of 30.01.23.

Approved by the Academic Council of the Faculty of Management and Marketing, minute № 7 of 13.02.23.

The EPP has been updated on the basis of:

1. Legislative and regulatory acts: Laws of Ukraine «On Education», «On Higher Education», National Qualification Framework, National Classification of Ukraine: Classifier of professions (DK 003:2010).

- Standard of higher education in the specialty 073 «Management» of the field of knowledge 07 «Management and Administration» for the first (bachelor's) level of higher education (approved and enacted by the Order of the Ministry of Education and Science of Ukraine dated 29.10.2018, №1165).
  - 3. Analysis of the labor market, taking into account the regional context.
  - 4. Study of domestic and foreign experience.
  - 5. Employers' proposals.

Reviews and feedback from external stakeholders (attached).

## I. GENERAL CHARACTERISTIC

Study cycle	First (bachelor's) degree	
Degree to be awarded	Bachelor's degree	
Field of knowledge	07 «Management and administration»	
Specialty	073 «Management»	
Specialization	-	
Study program (in Ukrainian and English)	Logistics	
Forms of education, volume of the study program in ECTS credits and terms of study	Full-time (daytime) program - 240 credits, 3 years 10 months;	
Availability of accreditation	Certificate of accreditation of the specialty by the MESU series ND № 2190423 dated 18.09.2017 certificate is valid until 01.07.2024	
Language(s) of instruction / assessment	Ukrainian English	
Structural unit Responsible for the EP	Department of Management, Logistics and Innovation	
Requirements for enrolment	Admission to the first (bachelor's) level is carried out in accordance with the rules, conditions and procedure for admission to higher education. The rules and deadlines for admission are posted on the website of Simon Kuznets KhNUE at the link: <u>https://www.hneu.edu.ua/normatyvni-dMCumenty/</u> For successful completion of the bachelor's degree program, applicants must have a complete secondary education, a desire to acquire knowledge in the field of management and administration in the specialty of logistics management.	
Restrictions on forms of education	Full-time	
Educational qualifications	Bachelor of Management in the Logistics study program	
Professional qualification(s)	-	

Qualification in the diploma	Degree of higher education - Bachelor Specialty - 073 Management Study program - Logistics	
The purpose of the study program	Training of highly qualified logistics specialists to provide enterprises in various sectors of the economy with professional staff in the field of management of logistics processes, functions and logistics activities.	
Focus and features (uniqueness) programs	Training of specialists in the field of logistics, which focuses on the development of competencies in combining the main functions of logistics (supply, production, sales, transportation, cargo processing, packaging, inventory management, warehousing) into a single business process of designing and managing end-to-end material, information, financial and service flows in order to minimize overall costs, obtaining a synergistic effect to increase the competitiveness of national enterprises.	
Description of the subject area	<ul> <li>Object of study: management of organizations and units.</li> <li>- Learning objectives: training of specialists capable of solving practical problems and complex specialized tasks, which are characterized by complexity and uncertainty of conditions, in the field of management of organizations and their units.</li> <li>- Theoretical content of the subject area: paradigms, laws, patterns, principles, historical prerequisites for the development of management; concepts of systemic, situational, adaptive, anti-sympathetic, anti-crisis, innovative, project management, etc; functions, methods, technologies and management decisions in management.</li> <li>- Methods, techniques and technologies: general scientific and specific research methods (calculation and analytical, economic and statistical, economic and mathematical, expert evaluation, factual, sociological, documentary, balance, etc.), methods of implementing management functions (methods of forecasting and planning; methods of designing organizational management, etc.) management methods (administrative, economic, socio-psychological, technological), technologies for substantiating management decisions (economic analysis, simulation modeling, decision tree, etc.).</li> <li>- Tools and equipment: modern information and communication equipment, information systems, software products used in management.</li> </ul>	
Academic mobility	Kristianstad University (Sweden) Simon Kuznets KhNUE is a partner of the student exchange programs Erasmus+, Mevlana and others. Students of II - IV years of study can participate in academic mobility programs of the educational qualification level «bachelor» <u>http://depint.hneu.edu.ua/</u>	
Academic rights of graduates	They have the right to continue their studies at the second (master's) level of higher education. Acquisition of additional qualifications in the system of postgraduate education.	

Professional rights	A bachelor of management in the study program "Logistics" is able to perform professional types of work and hold primary management positions in organizations and business structures of various types of activities and forms of ownership.
Employment of graduates	<ul> <li>Specialists according to the current edition of the National Classifier of Ukraine: Classifier of Professions (DK 003:2010), namely:</li> <li>1226.2 Head of a transshipment base, warehouse, central warehouse.</li> <li>Head of a department (in transport), transshipment complex, supply, warehouse (cargo), service (transport).</li> <li>1312 Director (head) of a small industrial enterprise (firm).</li> <li>1443 Manager (supervisor) of freight forwarding activities, road transport, water transport.</li> <li>1451 Manager (supervisor) in the trade of vehicles.</li> <li>1452 Manager (supervisor) in the retail sale of household and non-food products.</li> <li>1454 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>1475.4 Manager (supervisor) in the retail sale of foodstuffs.</li> <li>2419.2 Sales economic activity.</li> <li>2419.2 Sales economist. Consultant on business efficiency, production rationalization. Logistician. Specialist in business efficiency, public procurement.</li> <li>2447.2 Specialist in project and program management in the field of material (intangible) production.</li> <li>3416 Purchasers.</li> <li>3422 Freight forwarder. Freight forwarder, transportation.</li> <li>4131 Supply agent. Dispatcher for the release of finished products. Clerical (office) employee (supply, warehousing).</li> <li>4132 Order receivers.</li> <li>4133 Clerical (office) worker (</li></ul>

### **II – LIST OF GRADUATE COMPETENCIES**

Integral competence	The ability to solve complex specialized tasks and practical problems	
	characterized by complexity and uncertainty in the field of	
	management or in the learning process, which involves the application	
	of theories and methods of social and behavioral sciences.	
General	GC1. Ability to exercise one's rights and responsibilities as a member	
competencies	of society, to realize the values of civil (democratic) society and the	
	need for its sustainable development, the rule of law, human and civil	
	rights and freedoms in Ukraine.	
	GC2. Ability to preserve and increase moral, cultural, scientific values	
	and increase the achievements of society based on an understanding of	
	the history and patterns of development of the subject area, its place in	
	the general system of knowledge about nature and society and in the	

	development of society, technology and technology, to use various
	types and forms of physical activity for active recreation and healthy
	lifestyle.
	GC3. Ability to abstract thinking, analysis, synthesis.
	GC4. Ability to apply knowledge in practical situations.
	GC5. Knowledge and understanding of the subject area and
	understanding of professional activities.
	GC6. Ability to communicate in the state language both orally and in
	writing.
	GC7. Ability to communicate in a foreign language.
	GC8. Skills in the use of information and communication
	technologies.
	GC9. Ability to learn and master modern knowledge.
	GC10. Ability to conduct research at the appropriate level.
	GC11. Ability to adapt and act in a new situation.
	GC12. Ability to generate new ideas (creativity).
	GC13: Appreciation and respect for diversity and multiculturalism.
	GC14. Ability to work in an international context.
	GC15. Ability to act on the basis of ethical considerations (motives).
Special (professional,	SC1. Ability to identify and describe the characteristics of an
subject)	organization.
competencies	SC2. Ability to analyze the results of the organization's activities,
competencies	compare them with the factors of influence of the external and internal
	environment.
	SC3. Ability to determine the prospects for the development of the
	organization.
	SC4. Ability to determine the functional areas of the organization and
	the links between them.
	SC5. Ability to manage the organization and its units through the
	implementation of management functions.
	SC6. Ability to act in a socially responsible and conscious manner.
	SC7. Ability to choose and use modern management tools.
	SC8. Ability to plan the organization's activities and manage time.
	SC9. Ability to work in a team and establish interpersonal interaction
	in solving professional problems.
	SC10. Ability to evaluate the work performed, ensure its quality and
	motivate the staff of the organization.
	SC11. Ability to create and organize effective communications in the
	management process.
	SC12. Ability to analyze and structure the problems of the
	organization, to formulate reasonable solutions.
	SC13. Understand the principles and rules of law and use them in
	professional activities.
	SC14. Understand the principles of psychology and use them in
	professional activities.
	SC15. Ability to form and demonstrate leadership qualities and
	behavioral skills.
	SC16. Ability to formulate a comprehensive program to improve the
	competitiveness of the company in the national and international
	markets in terms of logistics as a new paradigm of business activity.
	SC17. Ability to provide organizational, technological, technical and
	information support for basic logistics functions. Ability to manage
<u> </u>	morning of support for suble registres functions. Monity to indiage

the logistics activities of enterprises in the areas of production, stocks, warehousing, procurement, sales, transportation and cargo processing. SC18. Ability to develop a logistics service system, logistics service strategy Ability to organize logistics services for customers and manage orders in the logistics service system. Ability to form a logistics service system and service quality system. SC19. Ability to analyze the infrastructure of the commodity market and shape the behavior of the enterprise in the conditions of a specific infrastructure of the commodity market, identify goods at all stages of goods movement, determine their main consumer properties and maintain the quality of goods in logistics processes. SC20. Ability to effectively analyze and integrate the logistics concept into international activities, analyze the conceptual framework and define the main categories of international logistics, apply the optimization factor in the supply of goods in international traffic
to make effective decisions in the process of international logistics activities.

In order to ensure the correlation of the defined competences with the NQF competence classification, a matrix of correspondence between the defined competences and NQF descriptors is used, which is an informational appendix (**Table 1 of the Explanatory Note**).

## III – NORMATIVE CONTENT OF TRAINING OF HIGHER EDUCATION APPLICANTS, FORMULATED IN TERMS OF LEARNING OUTCOMES IN THE SPECIALITY 073 «MANAGEMENT» EDUCATIONAL AND PROFESSIONAL PROGRAMME «LOGISTICS»

LO1. Know your rights and responsibilities as a member of society, understand the values of civil society, the rule of law, human and civil rights and freedoms in Ukraine.

LO2. To preserve moral, cultural, scientific values and multiply the achievements of society, to use various types and forms of physical activity to lead a healthy lifestyle.

LO3. Demonstrate knowledge of theories, methods and functions of management, modern concepts of leadership.

LO4. Demonstrate skills in identifying problems and justifying management decisions.

LO5. Describe the content of the functional areas of the organization.

LO6. Demonstrate skills in searching, collecting and analyzing information, calculating indicators to justify management decisions.

LO7. To demonstrate organizational design skills.

LO8. Apply management methods to ensure the effectiveness of the organization.

LO9. Demonstrate skills of interaction, leadership, teamwork.

LO10. Have the skills to justify effective tools for motivating the staff of the organization.

LO11. Demonstrate skills in situation analysis and communication in various areas of the organization.

LO12. Assess the legal, social and economic impact of the organization.

LO13. Communicate orally and in writing in the state and foreign languages.

LO14. Identify the causes of stress, adapt oneself and team members to a stressful situation, and find ways to neutralize it.

LO15. Demonstrate the ability to act socially responsibly and socially consciously on the basis of ethical considerations (motives), respect for diversity and interculturality.

LO16. Demonstrate the skills of independent work, flexible thinking, openness to new knowledge, being critical and self-critical.

LO17. Perform research individually and/or in a group under the guidance of a leader.

LO18. To use the principles and methods of logistics in the overall management system of the enterprise to reduce costs and optimize logistics flows and processes of organizations.

LO19. Apply a logistics approach to managing the resources of organizations and ensure their competitiveness. Demonstrate skills in optimizing organizational and technological aspects of the main functions of logistics using communication and information support.

LO20. Organize effective logistics services, define policies and standards for the provision of logistics services, assess quality and optimize the level of customer service.

LO21. Identify ways to optimize the flow of goods in the national and international markets, the set of product properties that determine its suitability to meet consumer needs and use this knowledge to organize the safe storage and transportation of goods.

LO22. Ability to apply the optimization factor in the supply of goods in international traffic, to choose the optimal mode of transport in international traffic. Analyze international agreements, analyze risks in international logistics.

## IV. STRUCTURE OF THE STUDY PROGRAM FOR BACHELOR TRAINING

### 4.1. PROGRAM STRUCTURE AND EDUCATIONAL COMPONENTS

Nº	Educational components (educational subjects, course projects (works), practices, qualification work)       ECTS loans       Structure		Structure, %
	GENERAL TRAINING CYCLE		
1	1         MANDATORY EDUCATIONAL COMPONENTS         23         10%		10%
2	ELECTIVE EDUCATIONAL COMPONENTS         35         15%		15%
PROFESSIONAL TRAINING CYCLE			
3 MANDATORY EDUCATIONAL COMPONENTS 157 65%		65%	
4	ELECTIVE EDUCATIONAL COMPONENTS	25	10%
	THE TOTAL NUMBER OF:240100		100%
	including: selective component	60	25

Code EC	Educational components (educational subjects, course projects (works), practices, qualification work)	ECTS loans	Forms of final control
	GENERAL TRAINING CYCLE		
	MANDATORY EDUCATIONAL COMPONENTS		
MC1	HISTORY OF UKRAINIAN CULTURE	4	Grading
MC2	FOREIGN LANGUAGE (by professional direction)	9	Grading, Exam
MC3	PHILOSOPHY	5	Exam
MC4	TRAINING COURSE "SAFETY OF LIVELIHOOD AND OCCUPATIONAL PROTECTION"       2       Grading		Grading
MC5	UKRAINIAN LANGUAGE (by professional direction)     3     Grading		Grading
	ELECTIVE EDUCATIONAL COMPONENTS		
EC1	EDUCATIONAL DISCIPLINE OF ENTREPRENEURSHIP DIRECTION	5	Grading
EC2	EDUCATIONAL DISCIPLINE OF SOCIAL AND PSYCHOLOGICAL DIRECTION	5	Grading
EC3	EDUCATIONAL DISCIPLINE OF LEGAL DIRECTION	5	Grading
EC 4	EC 4 MINOR or FREE MINOR 5 Grading		Grading
EC 5	EC 5     MINOR or FREE MINOR     5     Grading		Grading
EC 6	MINOR or FREE MINOR	5	Grading
EC 7	MINOR or FREE MINOR	5	Credit
	PROFESSIONAL TRAINING CYCLE		

	MANDATORY EDUCATIONAL COMPONENTS		
MC6	HIGHER MATHEMATICS	5	Exam
MC7	COMPUTER SCIENCE	4	Grading
MC8	MACRO- AND MICROECONOMICS	5	Exam
MC9	INTRODUCTION TO THE PROFESSION	3	Grading
MC10	ORGANIZATION THEORY	5	Exam
MC11	PROBABILITY THEORY AND MATHEMATICAL STATISTICS	5	Exam
MC12	BASICS OF INTERNATIONAL ECONOMY AND MANAGEMENT	4	Grading
MC13	BUSINESS ETHICS	4	Grading
MC14	ECONOMY OF THE ENTERPRISE	5	Exam
MC15	STATISTICS	5	Exam
MC16	MANAGEMENT	5	Exam
MC17	COURSE WORK: MANAGEMENT	1	Coursework
MC18	COMMODITY MARKET INFRASTRUCTURE, COMMODITY RESEARCH	4	Grading
MC19	ECONOMETRICS	5	Grading
MC20	PLANNING AND ORGANIZATION OF ENTERPRISE ACTIVITIES	6	Exam
MC21	COURSE WORK: PLANNING AND ORGANIZATION OF ENTERPRISE ACTIVITIES	1	Coursework
MC22	FINANCES	5	Exam
MC23	LOGISTICS	5 Exam	
MC24	4 MARKETING 5 E		Exam
MC25	BASICS OF SCIENTIFIC AND ANALYTICAL RESEARCH	4 Grading	
MC26	COURSE WORK: FUNDAMENTALS OF SCIENTIFIC AND ANALYTICAL RESEARCH	1	Coursework
MC27	ECONOMIC ANALYSIS OF ENTERPRISE ACTIVITIES	5	Exam
MC28	FUNCTIONAL LOGISTICS	10	Exam
MC29	INTERNATIONAL LOGISTICS	4	Grading
MC30	INDUSTRIAL PRACTICE	3	REPORT
MC31	TRAINING COURSE "COMPUTER ACCOUNTING SYSTEMS IN ENTERPRISE MANAGEMENT"	3	Grading
MC32	LOGISTICS SERVICE	5	Grading
MC33	FOREIGN LANGUAGE OF ACADEMIC AND PROFESSIONAL COMMUNICATION	4	Grading
MC34	STRATEGIC MANAGEMENT	5	Exam
MC35	COURSE WORK: STRATEGIC MANAGEMENT	1	Coursework

MC36	TRAINING COURSE "SOFT SKILLS"	3	Grading
MC37	COMPLEX PROFESSIONAL TRAINING	3	REPORT
MC38	PRE-DIPLOMA PRACTICE	9	REPORT
MC39	MC39 DIPLOMA RESEARCH		GRADUATE WORK
	ELECTIVE EDUCATIONAL COMPONENTS		
EC8	MAJOR 1	5	Exam
EC9	MAJOR 2	5	Exam
EC10	MAJOR 3	5	Exam
EC11	MAJOR 4	5	Exam
EC12	MAJOR 5	5	Exam

# 4.2. ELECTIVE COMPONENT OF THE EDUCATIONAL AND PROFESSIONAL PROGRAM

The elective component of the curriculum of the first (bachelor) level of higher education consists of: elective academic disciplines by direction, minor or free minors, majors.

The student of higher education chooses 1 minor or 4 free minors from the university-wide pool of disciplines. The minor, as a rule, consists of 4 academic disciplines. The volume of each discipline of the minor (free minor) is 5 ECTS credits.

As an exception, the minor may consist of 2 academic disciplines. Then, the scope of each discipline of the minor is 10 ECTS credits. Disciplines of the minor (free minor) are taught one discipline at a time in 3, 4, 5, 6 semesters for full-time higher education students. The form of final control of the disciplines of the minor (free minor) is grading.

The student of higher education is offered to choose 1 discipline of entrepreneurial direction, 1 discipline of socio-psychological direction, 1 discipline of legal direction. The amount of each optional educational discipline by direction is 5 ECTS credits.

The form of final control of the selective educational discipline of the entrepreneurial direction is grading; according to the selective educational discipline of social and psychological direction – grading; according to the selective educational discipline of the legal direction – grading.

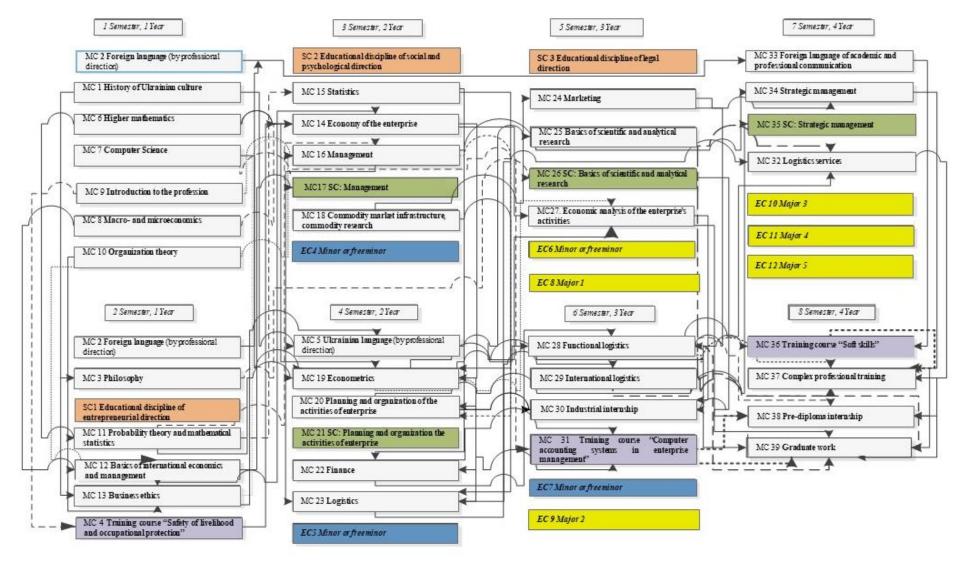
The selective educational discipline of entrepreneurship is taught in the 1st course for students of higher education in the full-time (full-time) form of

education. The semester in which the discipline is taught is determined by the curriculum of the study program.

Selective educational discipline of socio-psychological and selective educational legal direction is taught in the 3rd or 4th, or 5th, or 6th semester for full-time (full-time) students of higher education. The semester in which the discipline is taught is determined by the curriculum of the study program.

The scope of the elective major discipline is 5 ECTS credits. The form of final control of major disciplines is an exam. Major disciplines are taught in the 5th, 6th, and 7th semesters for full-time higher education students. The number of major disciplines taught in a certain semester is determined by the curriculum of the study program. For applicants of higher education in the correspondence form, the semester in which the following disciplines will be taught, minors (free minors), majors – is determined by the curriculum of the study program.

#### 4.3 STRUCTURAL AND LOGICAL SCHEME OF THE TRAINING OF HIGHER EDUCATION ACQUIRES UNDER THE EDUCATIONAL AND PROFESSIONAL PROGRAM "LOGISTICS" OF THE FIRST (BACHELOR) LEVEL OF HIGHER EDUCATION



# V. FORMS OF CERTIFICATION OF HIGHER EDUCATION ACQUIRES

Forms of attestation of applicants of higher education	Attestation is carried out in the form of public defense of qualification work Attestation in the specialty 073 Management is carried out by the Examination Commission in accordance with the requirements of the Standard of Higher Education after the student completes the curriculum in the form of a public defense of the bachelor's qualification work in the specialty 073 Management. Attestation is carried out openly and publicly. Students who have fulfilled all the requirements of the study program and curriculum are admitted to attestation.	
Requirements for qualifying work	Qualification work should involve solving a complex specialized task or a practical problem in the field of management, characterized by complexity and uncertainty of conditions, with the application of theories and methods of economic science. Qualification work is a student's educational and scientific work, which is performed at the final stage of obtaining a Bachelor of Management qualification to establish the compliance of the learning results (competencies) obtained by higher education applicants with the requirements of higher education standards. It is a qualification document on the basis of which the Examination Board determines the level of theoretical training of the graduate, his readiness for independent work in the field and makes a decision on the assignment of the appropriate qualification work. The bachelor's qualification work is allowed to be defended before the Examination Board, provided that the level of its uniqueness (originality) meets the standards officially approved by Simon KuznetsKhNUE. For publication and public familiarization with the content of qualification theses and prevention of academic plagiarism, diploma theses must be posted on the official website of the Simon KuznetsKhNUE Kharkiv National University of Economics.	
Requirements for public defence (demonstrations if available)	In the process of public defense, a candidate for the award of a bachelor's degree must demonstrate the ability to clearly and confidently present the content of the conducted research, reasonably answer questions and lead a discussion. The student's report must be accompanied by presentation materials and an explanatory note intended for public viewing. The examination board's decision to award a bachelor's degree in management under the educational and professional program "Logistics" and the issuance of a	

bachelor's diploma based on the results of the students' attestation are announced after the minutes of the examination board's meetings are drawn up in the established order.
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### VI. REQUIREMENTS FOR THE PRESENCE OF AN INTERNAL QUALITY ASSURANCE SYSTEM OF HIGHER EDUCATION

Requirements for the internal quality assurance system at the University developed on the basis of European standards and recommendations on quality assurance of higher education (ESG), Article 16 of the Law of Ukraine "On higher education", of the Standard of Higher Education in the specialty 073"Management".

They are determined in accordance with the existing system of higher quality assurance at the University and provides for the implementation of procedures and measures defined by the standard of higher education in the specialty 073 "Management" for the first (bachelor's) level of higher education.

Policy on ensuring the	The main principles of internal quality assurance of education
Policy on ensuring the quality of higher education	The main principles of internal quality assurance of education at the Simon Kuznets KhNUE: responsibility; compliance; adequacy; autonomy; measurability; academic culture; openness The main procedures of internal quality assurance of education at Simon Kuznets KhNUE: formalization of quality policy, strategic goals, tasks of continuous quality improvement; ensuring publicity of information about study programs, degrees of higher education and qualifications; ensuring compliance with academic integrity by employees of higher education institutions and students of higher education; preparing and conducting marketing-monitoring and socio- psychological studies to determine the needs of the labor market, the requirements of higher education stakeholders, the quality of the provision of educational services and satisfaction with the quality of educational activities and the quality of education; involvement of higher education stakeholders (higher education students, employers, representatives of the academic community, etc.) in decision-making in the areas of internal quality assurance; external evaluation of the quality of activity of Simon Kuznets KhNUE based on the results of
	participation in national and international rankings of higher
	educational institutions, fulfillment of Licensing requirements, accreditation. Directions: development, approval, monitoring and periodic review of study programs; ensuring professional
	development of pedagogical, scientific and scientific- pedagogical workers; ensuring student-centered learning,
	teaching and assessment of higher education applicants; ensuring the availability of the necessary resources for the organization of the educational process; ensuring the

	availability of information systems for effective management of the educational process.
Quality assurance development, approval, monitoring, review and updating study programs	Monitoring and periodic review of study programs is carried out in accordance with the current regulations at Simon Kuznets KhNUE. The review of study programs is carried out on the basis of the analysis of meeting the educational needs of those seeking higher education: the possibility of building an individual learning trajectory, observing academic freedoms in the educational process, satisfaction with the quality of the study program, etc.; employers: quality of formation of general and professional competences, actual and social skills (soft skills); other stakeholders. To review study programs, the following are used: online survey, focus group research, document analysis, situation analysis, by group in accordance with the requirements for the structure and content of the study program. Periodicity of revision of study programs is carried out: a) annually according to the results of monitoring; b) after completion of the study program by higher education students, c) in the event of a change in the legislative and regulatory framework.
Ensuring enrollment, achievement, recognition and attestation of achievers	Evaluation of higher education applicants is consistent, transparent and is conducted in accordance with the procedures established by the University in accordance with regulations. The annual assessment of education seekers is carried out in accordance with the forms of control determined by the study program; the procedure for evaluating the results of training, which is covered in the work programs of educational disciplines, work plans (technological maps) of educational disciplines, syllabi of educational disciplines; accounting of learning results, which is conducted using the information environment of the Personal Learning System (PNS) of the University. Evaluation of higher education applicants is carried out on the basis of a 100-point accumulative point-rating system.
Quality assurance student-centered learning, teaching and assessment	The planning, allocation and provision of educational resources and provision of support for higher education students take into account their needs and the principles of student-centered learning. Internal quality assurance of higher education ensures that all necessary resources meet the learning objectives, are publicly available, and higher education seekers are informed of their availability.
Ensuring the quality of scientific and pedagogical workers	The annual rating evaluation of the activity of scientific and pedagogical workers, departments and faculties of the University is carried out through the use of evaluation mechanisms and self-assessment of the effectiveness of scientific and pedagogical activity, its focus on the priorities of the development of the national system of higher education, the development strategy of the University, personal professional

	development of scientific and pedagogical workers. The results of the rating assessment are summarized based on the results of activities achieved during the calendar year. The results of the annual evaluation of scientific and pedagogical workers, departments and faculties are announced at the meeting of the academic council of the University.
Resource provision of the educational process (educational resources and support for those seeking higher education).	The institution of higher education provides the educational process with the necessary and available resources (personnel, methodical, material, informational, etc.) and provides appropriate support to students of higher education. Organizational and methodical support for the independent work of students of higher education consists in the development of methodical, didactic, instructional materials, providing the opportunity to form, consolidate, deepen and systematize the knowledge and skills acquired during classroom classes, to carry out self-training and self-monitoring of the mastery of the educational and professional program and is implemented through the Personal Learning System of KhNUE National University named after S. Kuznets.
Information support (information management)	In order to manage the educational process, an effective policy in the field of information management and a corresponding integrated information system for managing the educational process have been developed. This system provides automation of the main functions of managing the educational process, in particular: ensuring the introduction campaign, planning and organizing the educational process; access to educational resources; accounting and analysis of success of higher education applicants; administration of the main and auxiliary processes of providing educational activities; personnel management, etc.
Publicity of information about study programs, educational and scientific activities	Reliable, objective, up-to-date, timely and easily accessible information on the educational and professional program is published on the website of KhNUE. S. Kuznets, including programs for potential students of higher education, graduates, other stakeholders and the public. Information about educational activities in a specialty, including selection criteria for studies, is public; planned learning outcomes under this program; learning, teaching and assessment procedures used, etc.
Ensuring academic integrity	Ensuring the prevention and detection of academic plagiarism in the scientific works of employees of the higher education institution and students of higher education is implemented through the policy, standards and procedures of compliance with academic integrity, regulated by such documents of Simon Kuznets KhNUE: Code of academic integrity; Code of professional ethics and organizational culture of employees and students of higher education of Simon Kuznets KhNUE; Regulations on the Commission on Academic Integrity of Simon Kuznets KhNUE. The verification of scientific works of

scientific and pedagogical workers of the University ar students of higher education is carried out with the help of Internet services based on open Internet resources and th StrikePlagiarism.com system, which operates on the basis of th License Agreement on granting the right to use anti-plagiarist software.
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### **Explanatory Note**

The matrix of correspondence between the competencies defined by the Standard for the specialty 073 "Management" and the descriptors of the NQF, as well as the matrix of correspondence between the learning outcomes and competencies defined by the Standard, are presented in Tables 1 and 2.

Table 1

### Matrix of Correspondence Between Defined Competencies and NQF

on of Competenc ies According to the NQFKNI Conceptual knowledge acquired through the process of learning and professional activities, including specific knowledge of contemporary achievements.SKI Solving complex and unpredictable problems in formation, ideas, and personal experience in the field of professional activity to both specialized areas of methods, and concepts in concepts in con	<b></b>		-		1
Competenc ies According to the NQFknowledge acquired through the process of learning and professional activities, including specific knowledge of contemporary achievements. KN2 Critical reflection on the fundamental theories, principles, methods, and concepts in education and professional activities.and unpredictable problems in specialized areas of professional activity activity both specialists and non- specialists. activity to both specialists. activity of further application of innovative approaches.ARI Managing complex actions or professional activity to both specialists. a communication strategy.ARI Managing complex actions or professional activity to both specialists. a communication strategy.ARI Managing complex actions or professional activity to both specialists. ARI Managing conditions. ARI Managing conditions. ARI Managing conditions.GC1GC2KN1, KN2C1GC1GC1GC1GC2KN1, KN2SK1C1ARIGC3KN1SK1C1AR2GC4SK1C1AR2GC5SK1C2GC2GC6C1, C2AR1GC10KN1, KN2SK1C2G	Classificati	Knowledge	Skill	Communication	Autonomy and
ies According to the NQFthrough the process of learning and professional activities, including specialized areas of or onstandance in the activities including achievements.problems in specialized areas of professional activity and/or learning, involving the collection and interpretation of information (data), the selection of innovative approaches.problems, solutions, and personal experience in the field of professional activity to both specialists and non- specialists and non- specialists and non- specialists and non- specialists.complex actions or projects, responsibilit for docision-making i umpredictable activity to both selection of innovative approaches.problems, solutions, and personal activity to both specialists and non- specialists and non- specialists and non- strategy.complex actions or projects, responsibilit for docision-making i umpredictable activities.GC1CollC1C2MR2 responsibility for the adtools, and the application of innovative approaches.c1C2C1GC2KN1, KN2SK1C1AR1GC3KN1, KN2SK1C1AR2GC4SK1C1AR2, AR2GC5SK1C1AR1, AR2GC6C1, C2AR1GC10KN1, KN2SK1C2GC13C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1GC14C1C2GC3KN2C2 <td< th=""><th></th><th></th><th></th><th></th><th></th></td<>					
According to the NQFlearning and professional activities, including specific knowledge of contemporary achievements.specialized areas of professional activity and/or learning, involving the collection and interpretation of information (data), the selection of methods, and concepts in education and professional activities.specialists collection and interpretation of innovative approaches.grad professional activity to both specialists and non- specialists and non- specialist and	-		-		
to the NQFactivities, including specific knowledge of contemporary achievements.professional activity and/or learning, involving the collection and interpretation of information (data), the application of innovative approaches.experience in the field of professional activity to both specialists and non- specialists and non- specialists and non- specialists and non- specialists and non- specialists, and non- specialists and non- specialist and non- <th></th> <th></th> <th></th> <th></th> <th></th>					
specific knowledge of contemporary achievements.and/or learning, involving the 					
contemporary achievements.involving the collection and interpretation of information (data), the selection of methods and tools, and the application of innovative approaches.activity to both specialists. C2 Ability to effectively formulate a development of individuals and/or groups, demonstratin the ability for three professional activities.conditions. AR2 Taking responsibility for the professional development of individuals and/or groups, demonstratin the ability for further learning with a high level of autonomy.GC1C1C1AR1GC2KN1, KN2SK1C1GC3KN1, KN2SK1C1GC4SK1C1AR2GC5SK1C1AR2GC6C1, C2GC7C1, C2GC7SK1C1AR2GC10KN1, KN2SK1C1GC11SK1C1AR1, AR2GC12SK1C2GC1GC13C1, C2GC1GC14C1, C2AR1GC15SK1C2GC14C1, C2AR1GC15C1, C2AR1GC14C1, C2AR1GC15C1C1, C2SC1KN2SK1SC2C2SC3C2SC4SK1SC5KN2C2SC6SK1SC6SK1SC6SK1SC6SK1SC6SK1SC6SK1SC6SC6SK1	to the righ				
achievements. KN2 Critical reflection on the fundamental theories, principles, methods, and concepts in education and professional activities.collection and interpretation of information (data), the selection of methods and tools, and the application of innovative approaches.specialists and non- specialists and non- specialists.AR2 Taking responsibility for the professional development of individuals and/or groups, demonstratin the ability for further leavel of autonomy.GC1C1, C2AR1GC2KN1, KN2C1GC3KN1, KN2SK1GC4SK1GC6GC5SK1GC6GC6C1, C2GC7GC7C1, C2AR2GC9SK1C1GC11SK1C1GC9SK1C1GC12SK1C2GC13C1, C2AR1GC14SK1C2GC13C1, C2AR1GC14C1, C2AR1GC15SK1C2GC14SK1C2GC13C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1GC16KN2SK1SC1KN2SK1SC2C2SC3C2SC4SK1SC5KN2SC6SK1SC6SK1SC6SK1SC6SK1SC6SK1SC6SC6SC6SC6SC1 <th></th> <th></th> <th></th> <th></th> <th></th>					
KN2 Critical reflection on the fundamental theories, principles, education and professional activities.interpretation of information (data), the selection of methods, and concepts in education and professional activities.interpretation of innovative approaches.specialists. C2 Ability to effectively formulate a communication strategy.responsibility for the professional development of individuals and/or groups, demonstrating level of autonomy.GC1C1, C2AR1GC2KN1, KN2SK1C1GC3KN1, KN2SK1GC4GC4SK1C1AR2GC7C1, C2GC7GC1GC8KN1SK1C1AR2GC9SK1C1AR1, AR2GC10KN1, KN2SK1C2GC13SK1C2GC1GC14SK1C2AR1GC15SK1C2AR1GC14C1, C2AR1GC15C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1GC14C1, C2AR1GC15C2C2SC1KN2SK1SC2C2C2SC3SK1C2SC4SK1C2SC5KN2C2SC6SK1AR2					AR2 Taking
theories, principles, methods, and concepts in education and professional activities.selection of methods and tools, and the application of innovative approaches.effectively formulate a communication strategy.development of individuals and/or groups, demonstratin, the ability for further learning with a high level of autonomy.General competenciesGC1C1, C2AR1GC2KN1, KN2SK1C1GC3KN1, KN2SK1GGC6C1, C2GGC6C1, C2GGC6C1, C2GGC6C1, C2GGC6C1, C2GGC7C1AR2GC6C1, C2GGC7C1AR2GC6C1, C2GGC7SK1C1GC8KN1SK1C1GC9SK1C1GC10KN1, KN2SK1GC11SK1C2GC12SK1C2GC13C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1SC1KN2SK1SC2C2SC3KN2C2SC4SK1C2SC6SK1AR2		KN2 Critical reflection	interpretation of		responsibility for the
methods, and concepts in education and professional activities.and tools, and the application of innovative approaches.a communication strategy.individuals and/or groups, demonstrating the ability for further learning with a high level of autonomy.General competenciesGC1C1, C2AR1GC2KN1, KN2SK1Image: SK1GC4SK1Image: SK1Image: SK1GC5SK1Image: SK1Image: SK1GC6C1, C2GC7Image: SK1GC6SK1C1AR2GC7SK1C1AR2GC8KN1SK1C1GC9SK1C1AR1, AR2GC10KN1, KN2SK1C1GC11SK1C2Image: SK1GC13SK1C2AR1GC14C1, C2AR1GC15SK1C1C1, C2SC1KN2SK1C1SC2C2SK1SC3C2SK1SC4SK1SK1SC5KN2C2SC6SK1AR2					
education and professional activities.application of innovative approaches.strategy.groups, demonstrating the ability for further learning with a high level of autonomy.GC1General competenciesGC2KN1, KN2C1GC3KN1, KN2SK1GC4SK1					
professional activities.innovative approaches.the ability for further learning with a high level of autonomy.GC1General competenciesGC2KN1, KN2C1GC3KN1, KN2SK1GC4SK1GC6GC5SK1GC7GC6C1, C2GC7GC7C1AR2GC9SK1C1GC10KN1, KN2SK1GC11SK1C1GC12SK1C2GC13C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1GC16SK1C2GC17SK1C2GC18SK1C2GC19SK1C2GC13C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1Sc1KN2SK1SC2C2SC3C2SC4SK1SC5KN2C2SC6SK1AR2		-			
General competencies         Image: Competencies				strategy.	
General competencies         Ievel of autonomy.           GC1         C1, C2         AR1           GC2         KN1, KN2         C1         GC3           GC3         KN1, KN2         SK1         GC4           GC4         SK1         GC5         SK1         GC6           GC5         SK1         GC6         C1, C2         GC7           GC6         C1, C2         GC7         GC8         KN1         SK1         C1         AR2           GC6         C1, C2         GC8         KN1         SK1         C1         AR2           GC10         KN1, KN2         SK1         C1         AR2         GC11         AR1, AR2           GC10         KN1, KN2         SK1         C2         GC12         SK1         C2         GC13         GC14, C2         AR1           GC15         C1, C2         AR1         GC15         C1, C2         AR1           GC15         C1, C2         AR1         GC15         SC1         KN2         SK1         SC2         AR1           SC1         KN2         SK1         C2         SC3         SC1         C2         SC3         SC1         SC2         SC1         SC2		professional activities.	innovative approaches.		
General competencies           GC1         C1, C2         AR1           GC2         KN1, KN2         C1         GC3           GC3         KN1, KN2         SK1         GC4         GC4           GC4         SK1         GC5         GC4         GC6         GC7         GC6         GC7         GC6         GC7         GC1, C2         GC7         GC7         GC1, C2         GC7         GC6         GC1, C2         GC7         GC1         AR2         GC6         GC7         GC1, C2         GC1         GC1, C2         GC1         GC1         AR1         AR2         GC1         GC1         AR1         AR2         GC10         KN1, KN2         SK1         C2         GC11         GC1         SK1         C2         GC12         SK1         GC1         C3         SK1         GC1         C1, C2         AR1         GC14         GC14         C1, C2         AR1         GC15         GC1         C1         C2         GC3         GC1         SC1         KN2         SK1         SC2         SC3         GC2         SC3         GC2 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
GC1         C1, C2         AR1           GC2         KN1, KN2         C1         GC3           GC3         KN1, KN2         SK1         GC4         GC4         SK1         GC5         GC6         GC7         GC6         GC7         GC7         GC7         GC7         GC7         GC7         GC7         GC7         GC7         GC8         KN1         SK1         C1         AR2         GC9         SK1         C1         AR2         GC9         GC10         KN1, KN2         SK1         C1         AR1, AR2         GC10         KN1, KN2         SK1         C2         GC11         SK1         C2         GC12         SK1         C2         GC13         GC1, C2         AR1         GC14         GC1, C2         AR1         GC15         C1, C2         AR1         GC16         GC1         C2         SC3         C2         SC1         KN2         SK1         SC2         SC4         SK1         SC2         SC4         SK1			General competen	cies	lever of autonomy.
GC2         KN1, KN2         C1           GC3         KN1, KN2         SK1	GC1				AR1
GC4         SK1         GC5           GC5         SK1         GC6           GC6         C1, C2         GC7           GC7         C1, C2         GC8           GC8         KN1         SK1         C1           GC9         SK1         C1         AR2           GC10         KN1, KN2         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1         C2         GC12         GC12         GC13         GC1, C2         AR1           GC13         C1, C2         AR1         GC15         C1, C2         AR1           GC15         C1, C2         AR1         Sc1         C2         AR1           SC1         KN2         SK1         C2         AR1           SC2         C2         AR1         Sc2         Sc3         Sc4         Sc5           SC4         SK1         C2         Sc6         SK1         AR2	GC2	KN1, KN2			
GC5         SK1         C1, C2           GC6         C1, C2         GC7           GC7         C1, C2         GC8           GC9         SK1         C1         AR2           GC9         SK1         C1         AR2           GC10         KN1, KN2         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1         C2         GC11         GC12         GC12         GC13         GC1, C2         AR1           GC13         C1, C2         AR1         C1, C2         AR1           GC15         C1, C2         AR1         GC15         GC15         C1, C2         AR1           SC1         KN2         SK1         C1         C2         SC3         C2         SC3         SC2         SC4         SK1         SC2         SC4         SK1         SC2         SC6         SK1         AR2	GC3	KN1, KN2	SK1		
GC6         C1, C2           GC7         C1, C2           GC8         KN1         SK1         C1         AR2           GC9         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1         C2           GC11         SK1         C2         GC12         GC13           GC13         C1, C2         AR1         GC14         GC15         AR1           GC15         C1, C2         AR1         GC15         SC1         KN2         SK1           SC1         KN2         SK1         C2         SC3         SC2         SC3         SC3           SC5         KN2         SK1         C2         SC4         SK1         SC2           SC6         SK1         AR2         AR2         SC4         SK1         SC4					
GC7         C1, C2           GC8         KN1         SK1         C1         AR2           GC9         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1         C2         GC11         GC11         GC12         GC12         SK1         C2         GC12         GC13         GC1, C2         AR1         GC14         GC14, C2         AR1         GC15         GC15         GC1, C2         AR1         GC1, C2         AR1         GC15         GC1, C2         SK1         GC1, C2         AR1         GC1, C2         SC1         KN2         SK1         SC2         GC2         SC3         GC2         SC3         GC2         GC2         SC4         SK1         SC5         KN2         SC4         SK1         AR2         AR2			SK1		
GC8         KN1         SK1         C1         AR2           GC9         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1         C2         GC12         GC12         GC12         GC12         SK1         C2         GC13         GC14         C1, C2         AR1         GC15         GC15         GC1, C2         AR1         GC15         GC15         GC1, C2         AR1         GC15         GC1, C2         AR1         GC15         GC14         C1, C2         AR1         GC15         GC1, C2         AR1         GC15         GC14         C1, C2         AR1         GC15         GC14         GC1, C2         AR1         GC15         GC14         GC1, C2         GC1         GC1         GC2         GC2         GC2         GC2         GC2         GC2         GC2         GC2         GC3         GC2         GC2         GC3         GC2         GC2         GC3         GC2         GC3         GC2         GC3         GC4         GC2         GC3         GC4         GC4         GC2         GC3         GC4         GC4         GC2         GC3         GC4         GC4 <td></td> <td></td> <td></td> <td></td> <td></td>					
GC9         SK1         C1         AR1, AR2           GC10         KN1, KN2         SK1             GC11         SK1         C2   <				,	
GC10         KN1, KN2         SK1         C2           GC11         SK1         C2         GC12         GC12         GC12         GC13         GC14         C1, C2         AR1         GC14         GC15         GC1, C2         AR1         GC15         GC15         GC1, C2         AR1         GC15         GC15         GC1, C2         AR1         GC15         GC14         GC1, C2         AR1         GC15         GC14         GC1, C2         AR1         GC15         GC14         GC1, C2         AR1         GC15         GC1, C2         AR1         GC15         GC1, C2         AR1         GC1         GC1         GC2		KN1			
GC11         SK1         C2           GC12         SK1         C2           GC13         C1, C2         AR1           GC14         C1, C2         AR1           GC15         C1, C2         AR1           Specialized (professional) competencies           SC1         KN2         SK1           SC2         C2         SC3           SC4         SK1         C2           SC5         KN2         C2           SC6         SK1         AR2				Cl	AR1, AR2
GC12       SK1       C2         GC13       C1, C2       AR1         GC14       C1, C2       AR1         GC15       C1, C2       AR1         Specialized (professional) competencies         SC1       KN2       SK1         SC2       C2       C2         SC3       C2       C2         SC4       SK1       C2         SC5       KN2       C2         SC6       SK1       AR2		KN1, KN2			
GC13C1, C2AR1GC14C1, C2AR1GC15C1, C2AR1Specialized (professional) competenciesSC1KN2SK1SC2C2SC3C2SC4SK1SC5KN2C2SC6SK1AR2					
GC14C1, C2AR1GC15C1, C2AR1Specialized (professional) competenciesSC1KN2SK1SC2C2SC3C2SC4SK1SC5KN2SC6SK1AR2			SKI		4 D 1
GC15C1, C2AR1Specialized (professional) competenciesSC1KN2SK1SC2C2SC3C2SC4SK1SC5KN2SC6SK1				· · · · · · · · · · · · · · · · · · ·	
Specialized (professional) competenciesSC1KN2SK1SC2C2SC3C2SC4SK1SC5KN2SC6SK1AR2					
SC2         C2           SC3         C2           SC4         SK1           SC5         KN2           SC6         SK1		Specia	lized (professional) c		
SC2         C2           SC3         C2           SC4         SK1           SC5         KN2           SC6         SK1	SC1	KN2	SK1		
SC3         C2           SC4         SK1           SC5         KN2           SC6         SK1				C2	
SC4         SK1         C2           SC5         KN2         C2           SC6         SK1         AR2					
SC6 SK1 AR2			SK1		
	SC5	KN2		C2	
	SC6		SK1		AR2
SC7 KN1 SK1	SC7	KN1	SK1		

### Descriptors

Classificati	Knowledge	Skill	Communication	Autonomy and
on of	KN1 Conceptual	SK1 Solving complex	C1 Conveying	responsibility
Competenc	knowledge acquired	and unpredictable	information, ideas,	AR1 Managing
ies	through the process of	problems in	problems, solutions,	complex actions or
According	learning and professional	specialized areas of	and personal	projects, responsibility
to the NQF	activities, including	professional activity	experience in the	for decision-making in
	specific knowledge of	and/or learning,	field of professional	unpredictable
	contemporary	involving the	activity to both	conditions.
	achievements.	collection and	specialists and non-	AR2 Taking
	<b>KN2</b> Critical reflection	interpretation of	specialists.	responsibility for the
	on the fundamental	information (data), the	C2 Ability to	professional
	theories, principles,	selection of methods	effectively formulate	development of
	methods, and concepts in	and tools, and the	a communication	individuals and/or
	education and	application of	strategy.	groups, demonstrating
	professional activities.	innovative approaches.		the ability for further
				learning with a high
				level of autonomy.
SC8		SK1		
SC9			C1, C2	
SC10			C1	AR1
CC 11				AR1
CC 12	KN1			
SC 13		SK1		AR1
SC14	KN1		C1	
SC15			C1	AR2
SC16	KN1	SK1	C1	AR1
SC17	KN2	SK1	C1	AR1
SC18	KN2	SK1	C2	AR1
SC19	KN1		C1	
SC20	KN2	SK1	C1	AR1

## Matrix of correspondence between defined learning outcomes, competencies, and educational components

Program						G	eneral	l comp	etenci	es					Specialized (professional) competencies															According to the EP							
learning outcomes	6C1	GC 2	GC 3	GC 4	GC 5	GC 6	GC 7	GC 8	GC 9	GC 10	GC 11	GC 12	GC 13	GC 14	GC 15	SC1	SC 2	SC 3	SC 4	SC 5	SC 6	SC 7	SC 8	SC 9	SC 10	SC 11	SC 12	SC 13	SC 14	SC 15	SC 16	SC 17	SC 18	SC 19	SC 20		
LO1.	MC1 MC3 MC4	MC1 MC3			MC3 OC9										MC3																						
LO2.	MC1 MC3	MC3 MC4 MC9 MC13 MC25				MC1	MC2	MC7																													
LO3.			MC14 MC16	MC16 MC17 MC20 MC21	MC10	MC12	MC2 MC33	MC7 MC33	MC16	MC25 MC26 MC39		МС36						MC34 MC35 MC24	<ul> <li>MC10</li> <li>MC16</li> <li>MC17</li> <li>MC14</li> <li>MC14</li> <li>MC20</li> <li>MC21</li> <li>MC23</li> </ul>	MC16 MC17 MC20		MC20 MC21			MC16 MC17 MC21		MC16 MC10 MC17 MC22 MC24 MC27										
LO4.			MC26 MC35 MC39	MC6 MC11 MC27 MC30 MC38 MC39					MCS	MC35	MC36 MC16 MC17 MC24	MC21 MC27				MC10 MC12 MC14 MC16 MC17 MC30 MC38 MC39									MC14 MC16 MC17 MC27		MC28										
LO5.																MC10 MC12 MC14 MC16 MC17 MC22 MC23 MC24 MC30 MC38 MC39		MC23 MC24 MC34 MC35 MC38 MC39	3 4 4 5 8							MC28											
L06.								MC6 MC11 MC15									MC6 MC8 MC11 MC14 MC15 MC19 MC24 MC27 MC34 MC35 MC38 MC39	L 5 5 1 7							MC17 MC21 MC25 MC26 MC35		MC19 MC22 MC24 MC27 MC34 MC38 MC39										

Program learning			<u>т</u>	<u>т</u>	1	G	eneral	l comp	oetenci	ies	1	1	1	1	<u>т</u>			<u>т</u>	1	Spec	ialize	d (pro	fessior	nal) co	mpete	ncies	1	1	r	r		Acco	rding to	the E	Р
outcomes	GCI	GC 2	GC 3	GC 4	GC 5	GC 6	GC 7	GC 8	GC 9	GC 10	GC 11	GC 12	GC 13	GC 14	GC 15	SC1	SC 2	SC3	SC4	SC 5	SC 6	SC 7	SC 8	SC 9	SC 10	SC 11	SC 12	SC 13	SC 14	SC 15	SC 16	SC 17	SC 18	SC 19	SC 20
L07.																MC20 MC21 MC30 MC38 MC39	MC19 MC20 MC21 MC23 MC24 MC30		MC7 MC10 MC16 MC17 MC22 MC23 MC24																
LO8.													MC12 MC13			MC12 MC13 MC14 MC16 MC17 MC30 MC39	<ul> <li>MC8</li> <li>MC11</li> <li>MC15</li> <li>MC19</li> <li>MC24</li> <li>MC27</li> <li>MC34</li> </ul>			MC16 MC17 MC20 MC21	MC3	MC7 MC16 MC17 MC19 MC20 MC21 MC37 MC38 MC39				MC5 MC2 MC13 MC33									
LO9.																				MC10 MC12 MC16 MC17 MC36			MC20 MC21					MC10 MC13		MC16 MC17 MC36					
LO10.											MC16 MC17 MC20 MC21								MC10 MC12 MC16 MC17 MC20 MC21 MC23	MC30		MC16 MC17 MC33													
L011.			MC3 MC4 MC20 MC21 MC25 MC27					MC7 MC20 MC21	)																	MC13 MC20 MC21									
L012.															MC13 MC14 MC27 MC31						MC14 MC19	MC16 MC17 MC34 MC35							MC 1 MC 1	6 MC13 7 MC16 MC17					
L013.						MC5	MC2 MC33							MC2 MC12 MC33	1											MC5 MC2 MC33									+

Program learning		1	1	1	1	G	Genera	l comp	oetenci	es	1	1	1	1	1		1	1		Spe	cialize	d (pro	fessio	nal) co	mpete	ncies	1	1	1	1		Accor	ding to	the EF	2
outcomes	GCI	GC 2	GC 3	GC 4	GC 5	GC 6	GC 7	GC 8	6C 9	GC 10	GC 11	GC 12	GC 13	GC 14	GC 15	SC1	SC 2	SC 3	SC 4	SC 5	SC 6	SC 7	SC 8	SC 9	SC 10	SC 11	SC 12	SC 13	SC 14	SC 15	SC 16	SC 17	SC 18	SC 19	SC 20
	Ū	Ŭ		Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	9	9	9	9	9	9	• •		•	01	•		01	•	•1	S	S	S	S	S	S	S	ŝ	S	S	S
LO14.															MC13													MC13 MC29		MC16 MC17					
LO15.													MC12 MC13								MC36 MC37								MC13 MC31	MC16 MC17					
L016.			MC6 MC11						MC6 MC11 MC25 MC26 MC30 MC36 MC37 MC38 MC39		MC30 MC36 MC37 MC38 MC39																								
L017.			MC17 MC21 MC26 MC35 MC36 MC37 MC30 MC39						MC39	MC6 MC17 MC21 MC26 MC30 MC35 MC37 MC38 MC39	MC20 MC21 MC30 MC37 MC38 MC39			MC12 MC30 MC37 MC38 MC39										MC31 MC36 MC37											
LO18.				MC37 MC38 MC39	MC23 MC28 MC37 MC38 MC39	3											MC6 MC23 MC28 MC37 MC38 MC39														MC23 MC28 MC37 MC38 MC39				
LO19.					MC28	3		MC7 MC28	;								MC37 MC38 MC37 MC38 MC39	MC19 MC38 MC39	9 8 9												MC23 MC28				
LO20.					MC32	2											MC37																MC32		
LO21.					MC18 MC32	8																												MC18	+
LO22.					MC28 MC29	8								MC29																					MC23 MC28 MC29

Head of study program

Tetiana KOLODIZIEVA

