# Ministry of Education and Science of Ukraine V.N. Karazin Kharkiv National University

### **EDUCATIONAL AND SCIENTIFIC PROGRAM**

"Management and Administration"

| The third (educational-   | scientific) higher education level  |
|---------------------------|---|
| The field of Science      | 07 "Management and Administration"  |
| Specialty                 | 073 Management  |
| Specialization (if availa | able)   |
|                           | APPROVED by Scientific Council of V.N. Karazin kharkiv National University  "It" helaebles 2024,  minutes No 10                                 |
|                           | Implemented from 2024/2025 academic year  OCBINDY order from QG, Q5 2024 № Off4-9/948  Vice-Rector for Research and Teaching  Oleksandr HOLOVKO |

Kharkiv 2024

# LETTER OF APPROVAL of the educational-scientific program "Management and Administration"

The educational program was considered and approved by:

#### **FOREWORD**

Developed by a working group consists of:

| 1 0  | 1   |   |
|--|---|---|
| Name and Surname   | Job title (for part-time<br>employees - place of main job,<br>position)   | Scientific degree, academic title for which the department (specialty) was awarded              |
| Project team leader – guarantor of the educational program |   |   |
| Tretyak Viktoriia Pavlivna                                 | Professor of the HEI, Acting<br>Head of the Department of<br>Management and Administration                                      | Doctor of Economics,<br>Associate Professor of the<br>Department of Economics<br>and Management |
| Participants of the project team                           |   |   |
| Rodchenko Volodymyr<br>Borysovych                          | Director of the ESI "Karazin<br>Business School", Professor of<br>the HEI of the Department of<br>Management and Administration | Doctor of Economics, Professor of the Department of Economics and Management                    |
| Vasyliev Oleksii Viktorovych                               | Professor of the HEI of the<br>Department of Management and<br>Administration   | Doctor of Economics,<br>Professor of the Department<br>of Economics of Municipal<br>Enterprises |
| Dykan Valeriia   | Professor of the HEI of the   | Doctor of Economics,  |
| Volodymyrivna  | Department of Management and Administration   | Professor of the Department<br>of Management and<br>Administration                              |
| Rekun Hanna Petrivna                                       | Associate Professor of the HEI of<br>the Department of Management<br>and Administration   | Associate Professor, Associate Professor of the Department of Economics and Management          |
| Prus Yuliia Ihorivna                                       | Associate Professor of the HEI of<br>the Department of Management<br>and Administration   | Doctor of Philosophy  |

The following persons were involved in the design of the educational and scientific program (ESP):

Representatives of higher education applicants of the Doctor of Philosophy degree  $-3^{rd}$  year of study PhD student Vladyslav Oleksandrovich Huriev,  $2^{nd}$  year of study PhD student Vladyslav Valeriyovych Ikonnikov.

Employer representatives: Taraban Svitlana Vasylivna - Head of state administration, Deputy Head of the Department of Analytics, Forecasting and Entrepreneurship Development of the Department of Economy and International Relations of the Kharkiv Regional State Administration - Head of the Department of Analysis of Economic Sectors

The following requirements are taken into account during design of ESP project:

- 1. Requirements of the <u>Standard of higher education of Ukraine in specialty 073</u> "<u>Management" of the third (educational and scientific) level</u>. The Standard was approved and put into effect by the order of the Ministry of Education and Science of Ukraine from 24.12.2021, No 1436.
- 2. National framework of qualifications. Approved by Resolution No. 1341 of the Cabinet of Ministers of Ukraine dated November 23, 2011.

URL: https://zakon.rada.gov.ua/laws/show/1341-2011-%D0%BF#Text.

3. Resolution of the Cabinet of Ministers of Ukraine No. 502 of May 19, 2023 "On Amendments to Certain Resolutions of the Cabinet of Ministers of Ukraine on Training and Certification of Graduates of Scientific Degrees"

URL: https://zakon.rada.gov.ua/laws/show/502-2023-%D0%BF#Text

4. Reviews-feedback of external stakeholders, results of public discussion

## 1. Profile of the Educational-Scientific Program of the Specialty 073 "Management"

| 1 - General information   |   |  |
|---|---|--|
| Full name of the Higher<br>Education Institution and<br>structural unit | V. N. Karazin Kharkiv National University,<br>Educational and Research Institute "Karazin Business<br>School"   |  |
| The official name of the Educational Program                            | Educational and Scientific Program "Management and Administration"  |  |
| Level of Higher Education   | Doctor of Philosophy  |  |
| Awardable qualification   | Doctor of Philosophy in Management  |  |
| Type of the diploma and scope of the educational program                | Unitary The educational component includes 40 ECTS credits  |  |
| Accreditation availability  | Certificate of accreditation of the educational program No. 604 of the National Agency for Quality Assurance of Higher Education  Date of issuance of the certificate of accreditation of the educational program is 10.09.2020  The validity period of the educational program accreditation certificate is 01.07.2026 |  |
| Prerequisites   | Availability of a Master's Degree   |  |
| Language (s) of study   | Ukrainian, English  |  |
| The term of validity of the   | 4 years   |  |
| educational program   |   |  |
| Website of the permanent  | http://kbs.karazin.ua/programs/education/6  |  |
| location of description of the  |   |  |
| <b>Educational Program</b>  |   |  |

| 2 – The purpose of the Educational Program                   |  |  |
|--|--|--|
| Purpose of the Program                                       | Ensuring quality studying of applicants for Higher Education following the program competencies of specialists of the third educational-scientific level, degree of the Doctor of Philosophy in the specialty 073 "Management", capable of solving complex problems in the field of management of socio-economic development of spatial systems and subjects of the business environment   |  |
| 3 – Charac   | eteristics of the Educational Program  |  |
| Subject area (field of knowledge, specialty)                 | Field of knowledge 07 "Management and Administration".  Specialty 073 "Management"   |  |
| Orientation of the educational program                       | Educational and scientific, scientific and applied program   |  |
| The core focus of the educational program and specialization | The structure of the program provides for the acquisition of knowledge and skills in the field of management and administration, which will allow to train specialists, able to produce new ideas, use the set of methods and technologies developed in the course of the development of science and practice to solve scientific and practical tasks of sustainable socio-economic development of territories.  Keywords: management, administration, specialists, sustainable socio-economic development, science, practice, methodology, territory, business entity.  |  |
| The Program features   | The program is focused on conducting research on current issues of the development of modern management and economic science, practical activities of state authorities, administrative management bodies, economic entities in the part of forming an effective management system for socio-economic development of spatial systems. Among the main differences of the educational and scientific program for training Doctors of Philosophy in the specialty 073 "Management" should be included:  - close integration of the process of preparation of the applicants for the ESP with the work of management bodies and local self-government, business representatives;  - broad involvement of students in participation in trainings, round tables, forums at the national and international levels;  - the possibility of mobility under the Erasmus+ program and participation in seminars together with students – participants of the Erasmus+ program;  - the opportunity for applicants to participate in various internships with scholarships, including the CEES Fellowship Program Spring 2023, Non-Residential Fellowships for Scholars from Ukraine and other programs;  - preparation, together with teachers of methodological recommendations for conducting classes in the disciplines of specialty 073 "Management", educational |  |

|                            | materials for the implementation of training programs for<br>the education of adults (academic community, corporate<br>sector, local self-government bodies, health care<br>institutions, etc.).   |
|----------------------------|--|
| 4-S                        | uitability of graduates for employment<br>and further studying   |
| Suitability for employment | Employment in research institutions, institutions of higher education, other institutions and organizations that carry out research and/or training of specialists in the field of management.  According to the Classifications of occupations GC 003: 2010, graduates can engage in the following types of professional activities: heads of enterprises, institutions, and organizations (code according to GCO 003: 2010 - 1210.1); Production Director (code 1222.1); heads of production divisions in commercial (code 1227), household (code 1228) service; heads of departments in industrial, commercial, household organizations (code 1229.7); Director of Economics, heads of financial, accounting, economic, legal and administrative departments (code 1231); commercial director (code 1233); heads of logistics departments (code 1235); managers in different spheres of the economy (codes 1411-1496); consultants in the field of enterprise efficiency management and production rationalization, on the organization and management of the enterprise, on economic issues (code 2419.2); researchers (projects and programs) (code 2447.1); professionals in project and program management in the field of tangible (intangible) production (code 2447.2); assistants to heads of enterprises, institutions, and organizations, assistants to heads of divisions and heads of small enterprises (codes 3436.1-3436.3); teachers of universities and higher educational institutions (code 2310); researchers (code 2419.1); business administration and management advisors (code 2490), etc. |
| Further education          | Continuation of studies to obtain the scientific degree of Doctor of Sciences  |
| 5                          | - Teaching and assessment  |
| Teaching and studying      | Forms of education: full-time, part-time.  Teaching methods: a combination of lectures, practical classes with the solution of situational tasks and the use of case methods, business games, trainings that develop leadership skills and the ability to work in a team.  Learning technologies: problem-oriented - for acquiring new skills and using technological innovations; practical - meetings with representatives of the business environment, state and public activities, academic community in order to gain experience in professional management, research and teaching activities; project - aimed at developing the skills of research activity and economic modeling; independent study - aimed at the purposeful acquisition of new knowledge and  |

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|  | skills, ensures the acquisition of methods of cognitive activity, the formation of a creatively independent personality, a scientist capable of self-development, group work, self-study, scientific activity, complex solving of practical tasks.  |
| Assessment                                 | Current survey, test control, presentation of individual tasks, conducting independent scientific and pedagogical activities and practical approval of provisions (results) of dissertation research.  Final control - exams and tests taking into account the accumulated points of the current control.  Attestation of holders of the educational degree of Doctor of Philosophy is carried out in the form of a public defense of the dissertation.   |
|  | 6 - Program competencies  |
| Integral competence (IC)                   | The ability to produce new ideas, to solve complex problems in the field of management and administration, which involves a deep rethinking of existing and the creation of new integral knowledge and/or professional practice, to apply the latest methodologies of scientific and pedagogical activity, to carry out own scientific research, the results of which have scientific novelty, theoretical and practical significance.  |
| General Competences (GC)                   | Competencies defined by the standard of higher education of the specialty: GC1. The ability to detect, set and solve problems. GC2. Ability to search, process and analyze information from various sources. GC3. Ability to work in an international context. GC4. The ability to solve complex problems in the field of management based on systematic scientific worldview and general cultural outlook with compliance with the principles of professional ethics and academic integrity. Competencies defined by the university: GC5. Ability to organize and conduct original scientific research and implementation of joint interdisciplinary research projects. GC06. Ability to act based on ethical considerations and academic integrity. |
| Special (professional)<br>competences (SC) | Competencies defined by the standard of higher education of the specialty:  SC1.Ability to perform original research, achieve scientific results that create new knowledge in management and related to it interdisciplinary directions.  SC2. The ability to present orally and in writing and discuss the results of scientific research and/or innovative developments in Ukrainian and English languages, to study scientific literature on management and administration and effectively use the new information from various sources.  SC3. The ability to carry out scientific and pedagogical work activity in the field of management in institutions of higher education.   |

SC4. Ability to initiate, develop, implement and manage scientific projects in management and interdisciplinary areas related to it and/or make proposals for financing scientific research, registration of intellectual property rights.

Competencies defined by the university:

SC5. The ability to develop tools for building economic and mathematical models using modern information technologies with the purpose of their use in management.

### 7 – Program learning outcomes

Program learning outcomes determined by the standard of higher education of the specialty:

PLO 01. Apply modern tools and technologies search, processing and analysis of information, in particular, statistical methods of large volume data analysis and/or complex structure, specialized databases and information systems.

PLO 02. Free presentation and discussion of research results by specialists and non-specialists, scientific and applied problems of management in the state and English languages, qualified reflect the results of research in scientific publications in leading international scientific journals editions.

PLO 03. Develop and explore conceptual, mathematical and computer models of processes and systems, effectively use them to get new ones knowledge and/or creation of innovative products in the industry of management and related interdisciplinary directions.

PLO 04. Develop and implement scientific and applied projects that provide an opportunity to rethink existing and create new holistic knowledge and/or professional practice in the field of management and administration and solve significant scientific and technological problems in compliance management norms of academic ethics and taking into account social, ethical, economic, environmental and legal aspects.

PLO 05. Deeply understand general principles and methods management sciences, as well as scientific methodology research, apply them in your own research in the field of management and in teaching practice.

PLO 06. Plan and carry out scientific and applied studies management and related studies interdisciplinary directions using modern tools, critically analyze their own results research and results of other researchers in context of the entire complex of modern knowledge regarding the subject problems; make proposals for financing research and/or projects.

PLO 07. Carry out testing and implementation the results of own research in the field of management.

PLO 08. Develop and teach special training management disciplines in educational institutions.

Program learning outcomes determined by the institution of higher education:

Program learning outcomes (PLO)

|   | PLO 09. To form a systematic scientific outlook, to possess modern theories and concepts in the field management. PLO010. Act on the basis of ethical considerations and academic integrity in the process of conducting scientific research, publicizing the results and its implementation.   |
|---|---|
| 8 – Resource  | e support for Program implementation  |
| Specific characteristics of personnel provision  Conducting educational and scientific activities with framework of the implementation of the ESP is carried specialists, 77% of whom have practical experien relevant institutions, and 69.5% have a Doctor of Scientific activities with framework of the implementation of the ESP is carried specialists, 77% of whom have practical experien relevant institutions, and 69.5% have a Doctor of Scientific activities with framework of the implementation of the ESP is carried specialists, 77% of whom have practical experience relevant institutions, and 69.5% have a Doctor of Scientific activities with framework of the implementation of the ESP is carried specialists. |   |
| Specific characteristics of material and technical provision  | The material and technical provision for the implementation of the ESP is carried out based on: - classrooms equipped with a PC, projectors, wireless microphones, projector screens, wall speakers, sound amplifiers, and wire cameras; - computer classes equipped with stationary computers, laptops with available Internet access channels; - in all rooms where the educational process is carried out, access to Wi-Fi Internet.   |
| Specific characteristics of information and educational and methodological provision  | For informational and educational-methodical provision of ESP:  - developed educational and methodical complexes of all educational disciplines of ESP;  - access to the electronic library of the Central Scientific;  - library is provided, which includes an electronic catalog with an electronic order (over 1200000 copies); full-text databases of journals of foreign and domestic editors: SCOPUS, Web of Science, EBSCO, Royal Society of Chemistry, Oxford University Press, Cambridge University Press, SpringerNature (journals*) CUL Online, Springer Link;  - within the Central Scientific Library, there are reading rooms for visitors of the specialty 073 "Management," designed for 155 seats;  - more than 20 titles of professional publications are available to students.  There is an official website of the educational institution, which contains basic information about its activities, and an electronic resource of the university, which contains educational materials on academic disciplines of the curriculum, including in the online learning system;  - website of the ERI "Karazin Business School", which provides detailed information about the educational program (curricula, work programs of disciplines), the department responsible for the ESP implementation, contains information about the results of public discussion.  During mixed and distance forms of education, educational institutions according to the educational program are planned in the electronic schedule posted on the official website of V.N.Karazin Kharkiv National University, using Google Meet, Zoom, etc. platforms. |

|                               | E-dean's office - it is an electronic system that contains the schedule of classes; applicants have their own accounts, there they can monitor their current and final academic performance; teachers can keep an electronic journal of students' success, create their individual work plan, see their workload and class schedule. |  |
|-------------------------------|--|--|
| 9 – Academic mobility         |  |  |
| National credit mobility      | According to the academic mobility programs in accordance with the inter-institutional agreements between V. N. Karazin Kharkiv National University and higher education institutions of Ukraine on the profile of training specialists of the third educational and scientific level in the specialty 073 "Management".             |  |
| International credit mobility | Agreements on international cooperation within the Erasmus + program with higher education institutions have been concluded, namely: University of Nice -Sophia Antipolis, University di Foggia, Cordoba University, University of Viadrina.   |  |
| Education of foreign students | Training of foreign applicants for higher education is carried out in accordance with applicable law.  |  |

### $\mathbf{2.}$ The list of components of the Educational- Scientific Program and their logical sequence

### 2.1 List of components of ESP

| Cod e/c                     | Components of the educational program (academic disciplines, course projects (works), practices, qualification work) | Number of credits | Form of final control |
|-----------------------------|--|-------------------|-----------------------|
|                             | Mandatory components of ESP  |                   |                       |
| MC 1.                       | Philosophical Foundations and Methodology of Scientific Research   | 5                 | Credit work           |
| MC 2.                       | Foreign language for postgraduate students   | 6                 | Credit work /<br>Exam |
| MC 3.                       | Preparation of Scientific Publications and Presentation of Research Results  | 4                 | Credit work           |
| MC 4.                       | Project and Program Management   | 3                 | Exam                  |
| MC 5.                       | Economic and Mathematical Methods and Models   | 3                 | Exam                  |
| MC 6.                       | Pedagogy of Higher Education   | 4                 | Credit work           |
| MC 7.                       | Pedagogical Practice   | 5                 | Credit work           |
| 1                           | Total number of the mandatory courses  |                   | 30                    |
| Selective components of ESP |  |                   |                       |
| SC1.                        | Selective course 1   | 4                 | Exam                  |
| SC2.                        | Selective course 2   | 3                 | Exam                  |
| SC3.                        | Selective course 3   | 3                 | Exam                  |
| The total ve                | olume of selective courses   |                   | 10                    |
| TOTAL SO                    | COPE OF THE EDUCATIONAL PROGRAM  |                   | 40                    |

<sup>\*</sup>Selective components of the ESP "Management and Administration" ensure the formation of an individual trajectory of the acquisition of professional competencies of the applicants on the

topic of research by choosing three educational courses (10 ECTS credits). The right to freely choose educational courses from those offered for other levels (bachelor's, master's) in specialty 073 "Management" is provided. Applicants choose them from the Catalog of selective educational components for applicants of the third educational-scientific level under the ESP "Management and Administration" (enrollment of 2024).

#### The scientific component of the ESP of the Doctor of Philosophy

The scientific component of the educational and scientific program involves conducting its own scientific research under the guidance of the supervisor and the design of its results in the form of a dissertation.

The choice of directions of scientific research of applicants for the degree of Doctor of Philosophy of the ESP "Management and Administration" in specialty 073 "Management" implies their compliance with the directions of research work of the Department of Management and Administration of the Educational and Scientific Institute "Karazin Business School," namely, solving complex problems of coordinating the interests of key stakeholders in the context of ensuring the restoration and reconstruction of Ukraine; formation of an effective management model at different levels of territorial management in order to achieve sustainable socio-economic development.

The scientific component of the educational and scientific program contains a list of types of scientific work of a graduate student and forms of control (reporting).

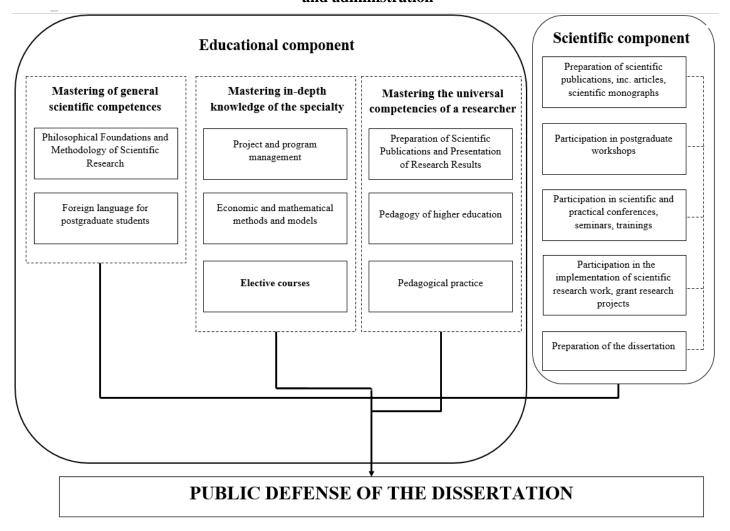
The scientific component of the educational and scientific program is made in the form of an individual plan of the postgraduate student's scientific work and is an integral part of the ESP curriculum.

| Year of training | Content of a postgraduate student's research work  | Reporting form, control form   |
|------------------|--|--|
| 1 year           | Theoretical. Experimental. Writing the first chapter of the dissertation.  | Approbation of research results (publication of articles, participation in scientific and practical conferences (seminars) with publication of abstracts of reports).  Writing the 1 <sup>st</sup> chapter of the dissertation.  Reporting on the implementation of the work plan of the 1 <sup>st</sup> year of training. |
| 2 year           | Theoretical. Experimental. Writing the second chapter of the dissertation.   | Approbation of research results (publication of articles, participation in scientific and practical conferences (seminars) with publication of abstracts of reports).  Reporting on the implementation of the work plan of the 2 <sup>nd</sup> year of training.   |
| 3 year           | Theoretical. Experimental. Writing the third chapter of the dissertation.  | Approbation of research results (publication of articles, participation in scientific and practical conferences (seminars) with publication of abstracts of reports).  Reporting on the implementation of the work plan of the 3 <sup>rd</sup> year of training.   |
| 4 year           | Presentation of scientific achievements of the applicant in the form of a dissertation. Submission of documents for the preliminary expertise of the | Report on the implementation of the work plan of the 4 <sup>th</sup> year of training. Professional seminar (public presentation of the scientific results of the dissertation of the applicant for the degree of Doctor of Philosophy). Obtaining a conclusion about the scientific novelty,                              |

| Year of training | Content of a postgraduate student's research work                  | Reporting form, control form  |
|------------------|--|---|
|                  | dissertation. Preparation of a scientific report for certification | theoretical and practical significance of the results of the dissertation. Defense of the dissertation. |

#### 3. Structural and logical scheme of ESP

### Structural and logical scheme of the educational and scientific program "Management and administration"



### 4. Form of attestation of applicants for higher education

Attestation of graduates of the educational and scientific program "Management and Administration", branch of knowledge 07 "Management and Administration", specialty 073 "Management", the degree of Doctor of Philosophy is carried out by a one-time specialized academic council on the basis of the public defense of the dissertation by the applicant.

A mandatory condition for admission to the defense is the successful completion by the applicant of his individual work plan (individual study plan and individual plan of scientific work).

The dissertation for obtaining the degree of Doctor of Philosophy is an independent detailed study that offers a solution to a complex problem in the field of management, the results of which are published in scientific publications in peer-reviewed scientific publications.

The minimum volume of the main text of the dissertation should be 7 author's sheets, and the maximum 9 author's sheets.

The dissertation should not contain academic plagiarism, falsification, fabrication.

The dissertation must be posted on the website of Kharkiv National University named after V. N. Karazin.

5. Matrix of correspondence of program competencies to the educational program components

| Mandatory<br>Components<br>General /<br>special competence | MC1. | MC2. | MC3. | MC4. | MC5. | MC6. | MC7. | Scientific component |
|--|------|------|------|------|------|------|------|----------------------|
| GC1.   |      |      | +    | +    | +    |      | +    | +                    |
| GC2.   | +    | +    | +    | +    | +    | +    | +    | +                    |
| GC3.   |      | +    | +    |      |      |      |      | +                    |
| GC4.   | +    |      | +    |      |      | +    | +    | +                    |
| GC5.   |      |      |      | +    |      |      |      | +                    |
| GC6.   |      |      | +    | +    |      |      | +    | +                    |
| SC1.   |      |      | +    | +    |      |      |      | +                    |
| SC2.   | +    | +    |      |      |      | +    |      | +                    |
| SC3.   |      |      | +    | +    | +    | +    | +    | +                    |
| SC4.   |      |      |      | +    | -    |      | -    | +                    |
| SC5.   |      |      |      |      | +    |      |      | +                    |

 $\hbox{6. Matrix for ensuring programmatic learning outcomes (PLO) with the corresponding components of the educational program* }$ 

| Mandatory<br>Components<br>Programmatic<br>learning outcomes | MC1. | MC2. | MC3. | MC4. | MC5. | MC6. | MC7 | Scientific component |
|--|------|------|------|------|------|------|-----|----------------------|
| PLO1   | +    |      | +    | +    | +    |      |     | +                    |
| PLO2   |      | +    | +    |      |      |      | +   | +                    |
| PLO3   |      |      |      |      | +    |      |     | +                    |
| PLO4   |      |      |      | +    | +    |      |     | +                    |
| PLO5   |      |      | +    | +    |      | +    |     | +                    |
| PLO6   |      |      | +    | +    |      |      |     | +                    |
| PLO7   |      | +    | +    | +    |      |      |     | +                    |
| PLO8   |      |      |      |      |      | +    | +   | +                    |
| PLO9   | +    |      | +    |      |      |      | +   | +                    |
| PLO10  |      |      | +    | +    |      |      |     | +                    |