

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

Educational and scientific programme

(educational-professional / educational-scientific)

Economics

(programme name)

second (Master's) level of higher education

(first (Bachelor's degree), second (Master's degree), third (Education and Science))

Field of knowledge C – Social Sciences, Journalism, Information and International Relations

(code, field of knowledge name)

Specialty C1 Economics and International Economic Relations (by specializations)

(code, name of specialty)

Specialization

C1.01. Economics

(code, name of specialization)

APPROVED

By the Academic Council of V.N. Karazin Kharkiv
National University

March, _____ 2026,

minutes №

Entered into force from 2026/2027 н.р.

by Order of _____ 2026 p. № _____

Vice-President for Scientific and Pedagogical Work

Boris SAMORODOV

APPROVAL SHEET
of Educational and Scientific programme
«Economics»

The educational program was reviewed and approved by:

1. Scientific and Methodological Council of V.N. Karazin Kharkiv National University,
minutes № of March, _____ 2026.

Chairman of the Scientific and Methodological Council,
Vice-President for Scientific and Pedagogical Work

_____ Boris SAMORODOV

2. Academic Council of the School of Economics: protocol № _ of March, _____2026

Chairman of the Academic Council of the School of Economics

_____ Vitaliy DIACHEK

3. Scientific and Methodological Commission of the School of Economics:
minutes № of March, _____ 2026

Head of the Scientific and Methodological Commission of the School of Economics

_____ Daria ZAGORSKA

4. Department of Economic Cybernetics and Applied Economics:
minutes № of March, _____2026

Head of the Department, ScD., Prof.

_____ Tamara MERKULOVA

PREAMBLE

Developed by a working group consisting of:

| Last name, first name, patronymic | Position | Academic degree, academic title |
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| Head of the working group – a guarantor of the educational program | | |
| <i>Merkulova Tamara Viktorivna</i> | Head of the Department of Economic Cybernetics and Applied Economics | Science Doctor in Economics, Professor |
| Working group members | | |
| <i>Nechyporuk Lyudmila Volodymyrivna</i> | Professor of the Department of International Economics and World Economy | Science Doctor in Economics, Professor |
| <i>Bitkova Tetiana Viktorivna</i> | Associate Professor of the Department of Economic Cybernetics and Applied Economics | PhD in Economics, Associate Professor |
| <i>Lutzenko Rostyslav Ruslanovych</i> | Associate Professor of the Department of Economic Cybernetics and Applied Economics | PhD in Economics |

Persons, involved in educational programme development:

Representatives of higher education students: Voloshyna Tetiana, Nikitenko Oleksandr, Slukin Denis.

Representatives of employers: Olga Polyakova (Scientific Center of the Public Administration Institute of the National Academy of Sciences of Ukraine, Head of the Sector of Macroeconomic Analysis and Forecasting), Fedorenko Larysa Hryhorivna (DX System Research and Production enterprise, Financial Director), Fedorenko Larysa Hryhorivna (DX system research and production enterprise, financial director).

When developing the draft Programme, the following requirements were taken into account:

- 1) Standard of higher education in the specialty 051 "Economics" at the second (Master's) level of higher education, approved on March 4, 2020;
- 2) Professional standard DK 003:2010 State classifier of professions

Reviews from external stakeholders:

1. A review of the educational and scientific programme "Economics" of the second (Master's) level of higher education, provided by the director of Yael Ukraine LLC, Krukovski I.V.
2. A review of the educational and scientific programme "Economics" of the second (Master's) level of higher education, provided by Deputy Director of TREMENTUM ANALYTICS LLC Dek A.O.

1. EDUCATIONA PROGRAMME PROFILE

| 1 – General information | |
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| Full name of the higher education institution and structural unit | V.N. Karazin Kharkiv National University School of Economics |
| Official name of the programme | Economics |
| Higher education degree | Master |
| Qualification awarded | Master of Economics |
| Type of diploma and scope of educational program | Master's degree, single diploma, 120 ECTS, study period 2 years |
| Availability of accreditation | Certificate of Accreditation Series ND No. 2189547 dated 09/18/17 issued by the Ministry of Education and Science of Ukraine |
| Prerequisites | Persons who have received a Bachelor's, Master's, or Specialist's degree in any specialty are accepted for training to obtain a Master's degree. |
| Language of instruction | English |
| Duration of the educational program | From September, 1 2026 till June, 30 2027 |
| Link to the permanent placement of the educational program description | https://econom.karazin.ua/ |
| 2 - Purpose of the educational programme | |
| Programme goal | Training of highly qualified professionals in economics who possess modern economic thinking, theoretical knowledge and applied skills, who are capable of solving complex research, innovation and management tasks and problems of the functioning of economic systems at various levels, characterized by uncertainty of conditions and requirements. |
| 3 – Characteristics of the educational programme | |

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| <p>Subject area (field of knowledge, specialty, specialization (if any))</p> | <p>Field of knowledge: C – Social sciences, journalism, information and international relations. Specialty C1 – Economics and International Economic Relations (by specialization) Specialization: C1.01. Economics Educational program: Economics Object of research: modern economic processes and phenomena, scientific methods of normative, quantitative, institutional analysis, tools for the formation of international, state, regional, sectoral economic policy and company economics. Educational objectives: to prepare highly qualified economic professionals with modern economic thinking, theoretical knowledge, and applied skills, capable of solving complex research, innovation, and management problems and issues related to the functioning of economic systems at various levels, characterized by uncertainty of conditions and requirements. Theoretical content of the subject area: general laws and trends of economic development, theories of micro, macro- and international economics; motivation and behaviour of market entities; modern quantitative methods of economic processes analysis; institutional and interdisciplinary analysis; patterns of modern socio-economic processes; theories of economic management for various production systems and sectors of the economy. Methods, techniques and technologies: general scientific and specific methods of cognition and research; mathematical, statistical, and qualitative methods of economic analysis; sociological and expert assessments, surveys; economic and mathematical modelling and forecasting; information and communication technologies; specialized software; methods of research activities and of research results presentation. Tools and equipment: modern information and communication equipment, information systems and software products used in economic activities.</p> |
| <p>Orientation of the educational programme</p> | <p>Educational and Scientific program is focused on applied aspects of using modern qualitative and quantitative methods in economic problems analysis,</p> |

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| | modelling and managing socio-economic systems for the purpose of sustainable development. |
| The main focus of the educational program and specialization | <p>Widespread application of modern modelling, forecasting, and digital project management technologies, including business analysis and solutions for theoretical and applied economic problems, and business process modelling.</p> <p>Keywords: economics, modelling, applied econometrics, entrepreneurship, project.</p> |
| Programme features | <p>The educational and scientific programme Economics is developed as an English-language Master's program, which provides for obtaining double diplomas in the corresponding Economics programme of the University of Lodz (Poland). It complies with the Higher Education Standard of the Ministry of Education and Science of Ukraine for the specialty C1 – Economics and International Economic Relations, specialization C1.01 – Economics and is consistent with the requirements of the Act on Higher Education and Science (Poland).</p> <p>The curriculum for the Economics course (lasting 4 semesters) consists of core subject modules, compulsory for each student, and elective subject modules: these are major modules, elective lectures, and graduate thesis seminar.</p> <p>The content of the program is focused on the use of modern world achievements in economic science and practice, international experience in the study of theoretical and applied problems, innovative educational practices. The programme provides for the use of modern data analysis methods in the educational process; the development of digital skills necessary for scientific and entrepreneurial activities; methods of distance and full-time education are used; electronic versions of educational materials are available; the opportunity of participation in student mobility programmes and international projects.</p> |
| 4 – Graduates' suitability for employment and further education | |
| Employment eligibility | <p>Graduates can perform professional activities as economists and analysts in the areas of project management, production and business processes; conduct entrepreneurial activities; be employed in scientific and educational sphere, in state authorities and</p> |

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| | local governments; they can hold positions of specialists; managers; heads of small and medium-sized businesses, structural divisions; researchers. |
| Further training | There's a possibility of continuing education at the third (educational-scientific) level of higher education and of obtaining additional qualifications in the education system for adults. |
| 5 – Teaching and assessment | |
| Teaching and assessment | <p>The program is developed on the basis of a student-centred approach with elements of problem-based learning and laboratory practice.</p> <p>Tools and equipment: modern information and communication equipment, information systems and software products used in economic activity. The use of various teaching methods is envisaged: lectures, practical and laboratory classes, seminars, cases, projects, games, computer experiments, discussions, student teamwork, elements of self-study.</p> <p>Hybrid form of organization of the educational process is envisaged: full-time (off-line) and distance learning using modern online learning tools: Zoom, Google meet, Google class, and Moodle platforms.</p> |
| Evaluation | <p>For ongoing control of students' knowledge and skills, tests, practical tasks, laboratory work, control tasks, presentations, and project defence are provided.</p> <p>Final control is carried out according to a four-level and two-level assessment scale. Final qualification control is carried out in the form of a Master's thesis defence.</p> |
| 6 – Programme competencies <i>Master students acquire the abilities:</i> | |
| Integral competence | Ability to identify and solve complex economic tasks and problems, to make appropriate analytical and managerial decisions in the field of economics or in the process of learning, which involves conducting research and/or implementing innovations under uncertain conditions and requirements. |
| General competencies | <p>GC1. Ability to generate new ideas (creativity).</p> <p>GC2. Ability for abstract thinking, analysis and synthesis.</p> <p>GC3. Ability to motivate people and move towards a common goal.</p> <p>GC4. Ability to communicate with representatives of other professional groups at different levels (with</p> |

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| | <p>experts from other fields of knowledge/types of economic activity.</p> <p>GC5. Ability to work in a team.</p> <p>GC6. Ability to develop and manage projects.</p> <p>GC7. Ability to act on the basis of moral considerations (motives).</p> <p>GC8. Ability to conduct research at an appropriate level</p> |
| <p>Professional competencies</p> | <p>PC1. Ability to apply scientific, analytical, and methodological tools to substantiate the development strategy of economic entities and related management decisions.</p> <p>PC2. Ability to communicate professionally in the field of economics in a foreign language..</p> <p>PC3. Ability to collect, analyze and process statistical data, scientific and analytical materials necessary for solving complex economic problems, and to draw well-founded conclusions based on them.</p> <p>PC4. Ability to use modern information technologies, methods and techniques for researching economic and social processes, adequate to the established research needs.</p> <p>PC5. Ability to identify key trends in socio-economic and human development</p> <p>PC6. Ability to formulate professional tasks in the field of economics and solve them, choosing appropriate directions and appropriate methods for their solution, taking into account available resources.</p> <p>PC7. Ability to justify management decisions regarding the effective development of business entities.</p> <p>PC8. Ability to assess possible risks and socio-economic consequences of management decisions.</p> <p>PC9. Ability to apply a scientific approach to the formation and implementation of effective projects in the socio-economic sphere.</p> <p>PC10. Ability to develop scenarios and strategies for the development of socio-economic systems.</p> <p>PC11**. Ability to plan, conduct, and publicly present the results of scientific research.</p> <p>PC12**. Ability to apply the basics of pedagogy and psychology in the educational process in higher education institutions.</p> <p>PC13**. Ability to independently acquire new knowledge using modern educational and research technologies in the field of economics.</p> |

PC14**. Ability to identify and critically evaluate key trends in socio-economic development and apply them to form new models of economic systems and processes in scientific work.

PC15(+). Ability to analyze and predict the consequences of economic decisions based on economic theories, quantitative and qualitative research methods and modern software.

PC16(+). Ability to apply AI and modern IT in business and economic research

PC17(+). Ability to ensure the reliability of economic analysis and accuracy of argumentation, to be critical of one's own work and to see the limitations of the data used in research

7 – Programme learning outcomes

A graduate is able to:

Programme learning outcomes

PLO1 formulate, analyze, and synthesize solutions to scientific and practical problems.

PLO2 develop, justify and make effective decisions on the development of socio-economic systems and the management of economic entities.

PLO3 communicate freely on professional and scientific issues in the state and foreign languages, both orally and in writing.

PLO4 develop socio-economic projects and a system of comprehensive actions for their implementation, taking into account their goals, expected socio-economic consequences, risks, legislative, resource and other restrictions.

PLO5 adhere to the principles of academic integrity.

PLO6 evaluate the results of one's own work, demonstrate leadership skills and the ability to manage personnel and work in a team.

PLO7 choose effective methods of managing economic activities, justify proposed solutions based on relevant data and scientific and applied research.

PLO8 collect, process and analyze statistical data, scientific and analytical materials necessary to solve complex economic problems.

PLO9 make effective decisions under uncertain conditions and requirements that require the application of new approaches, methods, and tools of socio-economic research.

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| | <p>PLO10 apply modern information technologies and specialized software in socio-economic research and in the management of socio-economic systems.</p> <p>PLO11 identify and critically assess the state and trends of socio-economic development, form and analyze models of economic systems and processes.</p> <p>PLO12 justify management decisions regarding the effective development of business entities, taking into account goals, resources, constraints, and risks.</p> <p>PLO13 assess possible risks and socio-economic consequences of management decisions.</p> <p>PLO14 develop scenarios and strategies for the development of socio-economic systems.</p> <p>PLO16** plan and carry out scientific and/or applied research, draw well-founded conclusions based on research results, present results, and argue their opinions</p> <p>PLO17** carry out teaching activities in higher education institutions, to develop educational and methodological materials.</p> <p>PLO18** use modern educational and research technologies in the field of economics.</p> <p>PLO19** formulate new hypotheses and scientific problems in the field of economics, to propose appropriate approaches and methods for their verification</p> <p>PLO20(+) analyze and predict the consequences of economic decisions based on economic theories, quantitative and qualitative research methods and modern software</p> <p>PLO21(+) ensure the reliability of economic analysis and accuracy of argumentation, to be critical of one's own work and to see the limitations of the data used in research</p> <p>PLO22(+) apply AI and modern information technologies in business and economic research</p> |
| 8 – Resource provision for programme implementation | |
| Specific characteristics of staffing | <p>The quality of the scientific and pedagogical staff providing the educational process under the educational program meets the licensing conditions for the implementation of educational activities (Resolution of the Cabinet of Ministers of Ukraine No. 365 of March 24, 2021)</p> |

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| <p>Specific characteristics of material and technical support</p> | <p>The material and technical support, facilities, premises, and classroom space necessary for providing high-quality master's degree programs in the C1 – "Economics and International Economic Relations (by specializations)" program meet licensing requirements. All classrooms and administrative spaces meet safety requirements and provide adequate lighting and ventilation.</p> <p>Distant learning is being implemented, and the university has created the necessary conditions for connecting to online classes and ensuring safety.</p> |
| <p>Specific characteristics of information and educational and methodological support</p> | <p>Educational-methodical and information support for Master's training in the C1 specialty "Economics and international economic relations (by specializations)" is carried out in accordance with the approved educational and professional programme, curriculum, requirements of normative and educational-methodical documents for higher education. All discipline support, namely work programmes, including: programme of a discipline, planned training results, rules of training results assessment, recommended literature (the main and auxiliary), Internet information resources, programmes for all types of practical training for the final certification of applicants for higher education.</p> |
| <p>9 – Academic mobility</p> | |
| <p>National credit mobility</p> | <p>Is based on bilateral agreements between V. N. Karazin Kharkiv National University and other higher education institutions of Ukraine.</p> |
| <p>International credit mobility</p> <p>Education of foreign higher education applicants</p> | <p>Based on the university's agreements on international academic mobility.</p> <p>It is carried out on the basis of the conditions of training of foreign higher education applicants accepted to V. N. Karazin Kharkiv National University in accordance with the requirements of current legislation.</p> |

2. LIST OF EDUCATIONA PROGRAMME COMPONENTS AND THEIR LOGICAL SEQUENCE

2.1 List of educational programme components (Master)

| Code № | Components of the educational program (courses, course projects (papers), internships, qualification work) | ECTS | Final control form |
|--|--|------------|--------------------|
| 1 | 2 | 3 | 4 |
| 1. Mandatory educational components (EC) of the EP | | | |
| EC1 | Advanced Microeconomics | 8 | Exam |
| EC2 | History of Economic Thought | 4 | Exam |
| EC3 | Circular Economy and Sustainable Development | 4 | Exam |
| EC4 | Capital Market | 4 | Exam |
| EC5 | Mathematical Economics | 4 | Credit |
| EC6 | Contemporary Economics – key issues | 4 | Credit |
| EC7 | Contemporary Research in Economics | 2 | Credit |
| EC8 | Advanced Macroeconomics | 8 | Exam |
| EC9 | Institutions in Economy | 4 | Credit |
| EC10 | International Economics | 8 | Exam |
| EC11 | Economic Law | 4 | Credit |
| EC12 | Econometrics and Forecasting | 3 | Exam |
| EC13 | Philosophy of Economics | 1 | Credit |
| EC14 | Thematic Lectures on Economics | 4 | Credit |
| EC15 | Seminar on Economics | 4 | Exam |
| EC16 | Master's thesis preparation | 10 | Exam |
| Total scope of mandatory components of the EP | | 76 | |
| 2. Elective components (EIC) of the educational programme | | | |
| EIC2.1 | Elective discipline 1 | 2 | Credit |
| EIC2.2 | Elective discipline 2 | 2 | Credit |
| EIC2.3 | Основні вибіркові модулі (1-3) | 24 | Credit |
| EIC2.4 | Elective graduate thesis seminar 1 | 4 | Credit |
| EIC2.5 | Elective graduate thesis seminar 2 | 5 | Credit |
| EIC2.6 | Elective graduate thesis seminar 3 | 7 | Credit |
| Total scope of elective components | | 44 | |
| TOTAL SCOPE OF THE EDUCATIONAL PROGRAM | | 120 | |

3. FORM OF CERTIFICATION OF HIGHER EDUCATION APPLICANTS

Certification of graduates of the educational and scientific program Economics, specialty C1 – "Economics and international economic relations (by specializations)" on specialization C1.01. – "Economics" is conducted in the form of the defence of a qualifying Master's thesis and ends with the issuance of a standard document on awarding him/her a Master's degree by assigning the qualification: Master of Economics and International Economic Relations, Economics

Master's thesis must address a complex, specialized task or problem in the economic sphere, requiring research and/or innovation and characterized by uncertainty of conditions and requirements. The thesis must be free of academic plagiarism, falsification, and copying. A qualifying master's thesis is allowed to be defended before the certification committee provided that the level of its uniqueness (originality) corresponds to the standard officially approved by the university.

The thesis must be posted online or in the university's repository. The publication of qualification works containing restricted information shall be carried out in accordance with the requirements of current legislation.

The purpose of certification is to establish the actual compliance of the level of educational and professional training of graduates with the requirements of a given educational and professional program and the Standard of Higher Education in the absence of a professional standard.

Graduate certification is based on the analysis of academic performance and on the assessment of graduates' performance in completing the tasks outlined in this educational programme. Higher education applicants who have successfully completed the curriculum and have published research papers and have demonstrated their work at scientific and practical conferences are eligible for certification.

The defence of a qualifying Master's thesis is open and public. Graduates are awarded their qualifications by an assessment committee, the composition of which is approved by a university order in accordance with established deadlines.

4. MATRIX OF CORRESPONDENCE OF PROGRAM COMPETENCES TO EDUCATIONAL COMPONENTS

| Code GC/PC | EC1 | EC2 | EC3 | EC4 | EC5 | EC6 | EC7 | EC8 | EC9 | EC10 | EC11 | EC12 | EC13 | EC14 | EC15 | EC15 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| IC | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| GC1 | | | | | | | + | + | | | | | + | | + | |
| GC2 | | | | | + | | | | | | | + | + | | | |
| GC3 | | + | | | | | | | + | | + | | | | | + |
| GC4 | + | + | + | + | + | + | + | + | | + | | + | + | + | | + |
| GC5 | | | | | | | | | + | | | | | | + | |
| GC6 | + | | + | | | | | | + | | + | | | + | | |
| GC7 | | | + | | | | | | | | + | + | | | + | |
| GC8 | + | + | + | + | + | + | + | + | | + | | + | | + | | + |
| PC1 | + | + | + | | + | | + | | | | | + | + | | + | |
| PC 2 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| PC3 | | | + | + | + | | | | | + | | + | | + | | |
| PC4 | | | + | + | | + | | + | | + | | | | | | + |
| PC5 | | + | + | | | | | + | | + | | + | + | | | |
| PC6 | + | | | | | | | | | | + | | | + | + | |
| PC7 | + | | + | | | | | | | | + | | | | | |
| PC8 | | | + | | | | | | | | | | | | | |
| PC9 | | + | | | | + | + | | + | | | | | | | |
| PC10 | | | + | | | | | + | | + | | | | | + | |
| PC11 | | | + | | | | | | | | | | + | | | |
| PC12 | | + | | | + | | | | | | | | + | | | + |
| PC13 | | + | | | | + | | | + | | | | + | + | + | + |
| PC14 | | + | | | | | | + | | | | + | | + | + | + |
| PC15 | + | | + | + | + | | | + | | | | | | | | |
| PC16 | + | | | + | | + | + | | | | | | | | | |
| PC17 | | | + | + | + | | + | + | | | + | + | | + | | |

