

**MINISTRY OF EDUCATION AND SCIENCE
OF UKRAINE**

**NATIONAL TECHNICAL UNIVERSITY
“KHARKIV POLYTECHNIC INSTITUTE”**



APPROVED BY

Rector of NTU “KhPI”

Ievhen SOKOL

» 05 2024p.

**«FINANCE AND BANKING»
PROGRAM OF PROFESSIONAL EDUCATION**

Second (Master’s) level of higher education

Major **072 – “Finance, Banking, Insurance and Stock Market”**

Field of knowledge **07 – Management and Administration**

Qualification: Master in **Finance, Banking, Insurance and Stock Market**

**APPROVED BY
ACADEMIC COUNCIL OF NTU «KhPI»**

Head of Academic Council

Leonid Tovazhnianskyi

Minutes of Council meeting # 4

dated « 26 » 04 2024

Kharkiv 2024


ЛИСТ ПОГОДЖЕННЯ

Освітньо-професійної програми «Фінанси і банківська справа»

| | |
|---------------------|----------------------------------------------------------------------|
| Рівень вищої освіти | Другий (магістерський) |
| Галузь знань | 07 Управління та адміністрування |
| Спеціальність | 072 «Фінанси, банківська справа, страхування та фондовий ринок» |
| Кваліфікація | Магістр фінансів, банківської справи, страхування та фондового ринку |

СХВАЛЕНО

Робочою групою ОП із спеціальності
«Фінанси, банківська справа, страхування
та фондовий ринок»
Гарант освітньої програми


Тетяна Назарова
«22» 04 2024 р.


РЕКОМЕНДОВАНО

Методичною радою НТУ «ХПІ»
Заступник голови методичної ради


Руслан МИГУЩЕНКО
«22» 04 2024 р.

ПОГОДЖЕНО

Завідувач кафедри обліку і фінансів


Олександр МАНОЙЛЕНКО
«22» 04 2024 р.


ПОГОДЖЕНО

Заступник директора навчально-наукового
інституту економіки, менеджменту і
міжнародного бізнесу (ЕММБ)


Валерій КОБЄЛІВ
«22» 04 2024 р.

ПОГОДЖЕНО

Здобувач вищої освіти (член робочої
групи), БЕМ-М4236


Дмитро ГОРБУНОВ
« » 2024 р.

INTRODUCTION (PREFACE)

The Program corresponds to the Standard of Higher Education of Ukraine at the Master's level in the field of knowledge 07 Management and Administration, major 072 Finance, Banking, Insurance and Stock Market, which was approved and enacted by the order of the Ministry of Education and Science of Ukraine dated 20.06.2019 No. 866.

The program was developed by the OP Workgroup of Finance and Banking at the Educational and Research Institute of Economics, Management and International Business of the National Technical University "Of Kharkiv Polytechnic Institute." The Workgroup consists of the following members:

Head of the program – Tetiana NAZAROVA, PhD in Economics, Associate Professor of Accounting and Finance department

EP working group members:

1. Oleksandr MANOYLENKO – Doctor of Economic Science, Professor, Head of the Department of Accounting and Finance.
2. Olha MASHCHENKO – Doctor of Economic Science, Professor of Accounting and Finance department.
3. Dmytro HORBUNOV – Student of Accounting and Finance department.

The Program reviews are attached.

CONTENT

| | | |
|---|-----------------------------------------------------------------------------------------------------|----|
| 1 | Profile of the Program for Professional Education | 5 |
| 2 | List of the Program Components and its Structure | 11 |
| 3 | Distribution of Educational Program Content According to the Components Groups and Education Cycles | 12 |
| 4 | Certification of Graduates | 12 |
| 5 | Structural-Logic Scheme of the Educational Program | 13 |
| 6 | Compliance Matrix of Program Competencies with Educational Program Competencies | 14 |

I. PROFILE OF THE PROGRAM FOR PROFESSIONAL EDUCATION
072 Master's degree -
FINANCE, BANKING, INSURANCE AND STOCK MARKET

| 1 – General Information | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Higher education facility and department/institute | National Technical University “Kharkiv Polytechnic Institute,” Educational and Research Institute of Economics, Management and International Business, Accounting and Finance Department |
| Academic degree and qualification title in Ukrainian | Master, Master of Finance, Banking, Insurance and Stock Market. In Ukrainian: |
| The official title of the educational program | Finance and Banking |
| Diploma type and credits in the educational program | Master’s diploma, single, 90 ECTS credits, length of study - 1 year and 4 months |
| Accreditation | Certificate 9109, valid until July 1, 2029 |
| Cycle/level | NFQ of Ukraine – 7 th level, QF EHEA – second cycle, EQF LLL – 7 th level |
| Prerequisites | First (bachelor) level of higher education; Specialist or Masters in other majors |
| Language | Ukrainian, English |
| Educational program validity | Until the end of the validity of a significant accreditation certificate Reviewed annually |
| Description of educational program URL | https://blogs.kpi.kharkov.ua/v2/quality/dokumenty/arhivni-osvitni-programy/osvitnij-riven-magistr-arhiv/osvitnij-riven-magistr-vstup-2024-2025-navchalnogo-roku/ |
| 2 – Objective of the Educational Program | |
| Ensuring the training of highly qualified specialists equipped with fundamental knowledge, technologies, and practical tools for conducting managerial, research, and expert-analytical activities in the financial, banking sectors, and the stock market at both macro and micro levels, considering the demands of a dynamic business environment. | |
| 3 – Characteristics of the educational program | |
| Subject area (field of study, major) | <p><i>Field of knowledge:</i> Management and Administration <i>Major:</i> Finance, Banking, Insurance, and Stock Market <i>The object of study:</i> management and administration in the field of finance, banking, insurance, and stock market <i>Learning objectives:</i> training of specialists capable of solving complex tasks and problems in the process of professional activity or training in the field of finance, banking, insurance, and stock market, which involves research and/or innovation and is characterized by uncertainty of conditions and requirements. <i>The theoretical content of the subject area:</i> scientific concepts, categories, theories, and concepts of financial science that determine the trends and patterns of functioning and development of finance, banking, insurance, and the stock market. <i>Methods, techniques, and technologies:</i> general scientific methods of cognition; mathematical, statistical, and qualitative methods of financial analysis; economic and mathematical modeling; information and communication technologies; methods and achievements of technologies of world and domestic financial science and practice. <i>Tools and equipment:</i> modern information and analytical systems; standard, special, and industry-specific software products; computers and presentation equipment</p> |

| | |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emphasis of educational program | Educational and professional program with hands-on orientation. Professional emphasis: skill set to be applied in business analysis, project management, and other management and research activities using innovative technologies, tools, and methods of financial systems management. |
| The main focus of the educational program and major | General education, Major 072 "Finance, Banking, Insurance, and stock market." Keywords: financial systems, financial services, banking, insurance, corporate finance, portfolio investments, financial engineering, trading, hedging, financial technology, stock market, cryptocurrency market. |
| Program features | The multidisciplinary program provides practical training to develop skills in finance, banking, insurance, and the stock market. Mastering up-to-date professional knowledge and skills in Finance, Banking, Insurance, and Stock Market in combination with in-depth study of English. Application of an integrated approach to professional growth with an emphasis on a hands-on approach, a combination of research and practice (the educational process involves research and academic writing: essays, term papers, articles, and reports). |

4 – Employability and Continuing Education

| | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Employability | <p>According to the National Classification of Business Activities (DK 009:2010) and considering the requirements of the labor market, the graduates can work in the following spheres in finance, banking, insurance, and stock market:</p> <ul style="list-style-type: none"> K 64. Financial services, except insurance and pensions <li style="padding-left: 20px;">K 64.1 Financial intermediary <li style="padding-left: 40px;">K 64.11 Central bank <li style="padding-left: 40px;">K 64.19 Other types of financial intermediary <li style="padding-left: 20px;">K 64.9 Other financial services, except insurance and pensions <li style="padding-left: 40px;">K 64.91 Financial leasing <li style="padding-left: 40px;">K 64.92 Other types of lending <li style="padding-left: 40px;">K 64.99 Other financial services (except insurance and pensions), etc. K 65 Insurance, reinsurance, and non-state pensions, except for compulsory social insurance <li style="padding-left: 20px;">K 65.1 Insurance <li style="padding-left: 40px;">K 65.11 Life insurance <li style="padding-left: 40px;">K 65.12 Other types of insurance, except life insurance <li style="padding-left: 20px;">K 65.2 Reinsurance <li style="padding-left: 20px;">K 65.3 Non-governmental pensions K 66 Auxiliary activities in the field of financial services and insurance <li style="padding-left: 20px;">K 66.1 Auxiliary activities in the field of financial services, except insurance and pensions <li style="padding-left: 40px;">K 66.121 Financial markets management <li style="padding-left: 40px;">K 66.12 Mediation of contracts for securities or commodities <li style="padding-left: 40px;">K 66.19 Other auxiliary activities in the field of financial services, except insurance and pensions <li style="padding-left: 20px;">K 66.2 Auxiliary activities in the field of insurance and pensions <li style="padding-left: 40px;">K 66.21 Risk and damage assessment <li style="padding-left: 40px;">K 66.22 Activities of insurance agents and brokers <li style="padding-left: 40px;">K 66.29 Other auxiliary activities in the field of insurance and pensions <li style="padding-left: 20px;">K 66.3 Investment fund management O 84.3 Activities in the field of compulsory social insurance |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>According to the Classification of Professions (DK 003:2010), a specialist in Finance, Banking, Insurance, and Stock Market may hold the following positions:</p> <p>12 Head of enterprises, institutions, and organizations 1231 Head of finance, accounting, economic, legal, and administrative departments and other 13 Managers of small enterprises without board 146 Financial activities managers 1461 Managers – financial intermediaries 1462 Financial leasing managers 1463 Loan managers 1465 Life and savings insurance managers 1466 Pension insurance managers 1467 Auxiliary activities in the field of finance managers 1468 Auxiliary activities in the field of insurance managers 1469 Financial intermediation managers 2413 Securities experts 2413.2 Foreign exchange professionals 2414 Professionals in the field of financial and economic security of enterprises, institutions, and organizations 2414.2 Professionals in the field of financial and economic security 341 Specialists in the field of finance and trade 3411 Dealers (stock exchange traders) and brokers (intermediaries) in collateral and financial transactions 3412 Insurance agents 3419 Other specialists in the field of finance and trade 342 Commercial service agents and trade brokers A graduate may hold other positions by job titles characterized by unique professional competencies.</p> |
| Continuing Education | Opportunities for continuing education at the third (educational and research) level of higher education, professional development, and additional postgraduate education are available. |
| 5 – Teaching and assessment | |
| Teaching and learning | <p>Student-centered learning is conducted through lectures, seminars, practical classes, consultations, independent studies, and the completion of course projects based on textbooks, manuals, periodical scientific journals, and Internet use.</p> <p>It is based on the principles of student-centeredness, implemented through research-based learning, and fosters an individualized approach to self-organization for master's students. This is achieved by combining lectures and practical classes (guided by professors and associate professors of the department) with independent work (including the use of distance learning technologies) and self-study (guided by academic advisors). This approach supports the step-by-step preparation of a master's thesis, completion of pre-graduation internships, and more.</p> |
| Assessment | <p>Higher education students' academic performance is assessed through ongoing and final evaluations and state certification.</p> <p>A rating-based grading system is applied. Ongoing and final knowledge assessments include oral questioning, quizzes, individual assignments, tests, credits, and exams (both oral and written). Additionally, assessments involve presentations, project work, defense of practice reports, and the public defense of the qualification thesis.</p> |
| 6 – Program Competencies | |

| | |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Integral competencies | The ability to solve complex tasks and problems in professional activities or in studying finance, banking, insurance, and the stock market, which involves research and innovation, is characterized by the uncertainty of conditions and requirements. |
| General competencies | GC 1. Ability to think abstractly, analyze, and synthesize. GC 2. Ability to communicate in a foreign language. GC 3. Ability to conduct sound research. GC 4. Ability to identify, state, and solve problems. GC 5. Ability to make informed decisions. GC 6. Interpersonal interaction skills. GC 7. Ability to motivate people and move towards a common goal. GC 8. Ability to work in an international context. GC 9. Ability to act based on ethical considerations (motives). |
| Special (professional) competencies (defined within the standard of higher education for the major) | PC 1. Ability to use the fundamental laws of development of finance, banking, and insurance in combination with research and management tools for professional and academic activities. PC 2. Ability to use theoretical and methodological tools to assess and model financial activities. PC 3. Ability to apply management skills in finance, banking, and insurance. PC 4. Ability to evaluate the effectiveness of academic, analytical, and methodological tools to justify finance, banking, and insurance management decisions. PC 5. Ability to assess the limits of their professional competence and improve their professional skills. PC 6. Ability to apply interdisciplinary approaches to solving complex problems in finance, banking, and insurance. PC 7. The ability to search, use, and interpret information is necessary for solving professional and academic problems in finance, banking, and insurance. PC 8. Ability to apply innovative approaches in finance, banking, and insurance. PC 9. Ability to develop technical specifications for the design of information systems in finance, banking, and insurance. |
| 7 – Program learning outcomes | |
| Program results of studies in the specialty (determined by the standard of higher education of the specialty) | LO01. To apply fundamental laws of finance, banking, and insurance development in combination with research and management tools for professional and academic activities. LO02. To be aware of the latest achievements, concepts, and academic methodologies in finance, banking, and insurance. LO03. To adapt and modify existing academic approaches and methods to specific situations that occur during work. LO04. To search, process, systematize, and analyze information necessary for solving professional and academic problems in finance, banking, and insurance. LO05. Communicate fluently in a foreign language on professional and academic issues and present and discuss research results. LO06. To present research results in an accessible and reasoned manner orally and in writing, to participate in professional discussions. LO07. To solve ethical dilemmas based on the law, ethical principles, and universal values LO08. To apply and manage innovative approaches in finance, banking, and insurance. LO09. To apply management skills in finance, banking, and insurance. |

| | |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>LO10. To identify and model the financial activities of business entities.</p> <p>LO11. To apply in-depth knowledge in financial, banking, and insurance management decision-making.</p> <p>LO12. To justify the choice of management decision options in finance, banking, and insurance and evaluate their effectiveness, considering the goals, existing constraints, and legal and ethical aspects.</p> <p>LO13. To assess the degree of task complexity at the planning and results processing stages.</p> |
| 8 – Resource support for program implementation | |
| Personnel | Meets the staffing requirements for ensuring the implementation of educational activities in the field of higher education by the current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Licensing Conditions for the Educational Activities of Educational Institutions" of December 30, 2015, No. 1187 (as amended by the Resolution of CM No. 180, No. 365 dated 24.03.2021)) |
| Equipment | Meets the technological requirements for technical support of educational activities in the field of higher education by the current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Licensing Conditions for the Educational Activities of Educational Institutions" of December 30, 2015 No. 1187 (as amended by the Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Licensing Conditions for the Conduct of Educational Activities of Educational Institutions"). NO. 347 dated 10.05.2018, No. 180 dated 03.03.2020, No. 365 dated 24.03.2021) |
| Information sources and learning materials | Meets the informational requirements for educational, methodological, and information support of educational activities in the field of higher education by the current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Licensing Conditions for the Educational Activities of Educational Institutions" of December 30, 2015 No. 1187 (as amended by the Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Licensing Conditions for the Educational Activities of Educational Institutions"). No. 347 dated 10.05.2018, No. 180 dated 03.03.2020, No. 365 dated 24.03.2021) |
| 9 – Academic Mobility | |
| National credits mobility | Based on bilateral agreements between the National Technical University "Kharkiv Polytechnic Institute" and higher education institutions of Ukraine |
| International credits mobility | Academic mobility based on bilateral agreements between the National Technical University "Kharkiv Polytechnic Institute" and Otto-von-Guericke University of Magdeburg (Germany), University of Wroclaw (Poland), University of Miskolc (Hungary), Sapienza University (Rome, Italy). |
| Foreign students learning | This is in accordance with the requirements of current legislation, provided that the prior educational level is recognized. Provides the possibility of teaching foreign citizens in English |

2. List of the Program Components and its Structure

| Code | Educational program components | Number of credits | Final examination form |
|---------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------|------------------------|
| 1 | 2 | 3 | 4 |
| Mandatory components of educational program | | | |
| <i>1.1. General education</i> | | | |
| GT1 | Fundamentals of Academic Research | 4 | Differentiated grading |
| GT2 | Social Responsibility of Business and Social Analysis for Business | 3 | Differentiated grading |
| <i>1.2. Special (professional) education</i> | | | |
| PT1 | Financial Management | 6 | Exam |
| PT2 | Insurance Management | 5 | Exam |
| PT3 | Tax Management | 5 | Exam |
| PT4 | Management Information Systems in Finance and Accounting | 5 | Exam |
| PT5 | International Financial Reporting Standards | 5 | Exam |
| PT6 | Banking Management | 6 | Exam |
| PT7 | Financial Technologies (FinTech) | 5 | Exam |
| PP | Practice | 11 | Differentiated grading |
| | Attestation | 11 | Exam |
| Total credits of mandatory components: | | 66 | |
| Elective components of educational program | | | |
| <i>Elective educational components of special (professional) training</i> | | | |
| ECPT 1 | Educational components of free choice of professional training | 4 | Differentiated grading |
| ECPT 2 | Educational components of free choice of professional training | 4 | Differentiated grading |
| ECPT 3 | Educational components of free choice of professional training | 4 | Differentiated grading |
| ECPT 4 | Educational components of free choice of professional training | 4 | Differentiated grading |
| <i>Elective educational components of general training</i> | | | |
| ECGT 1 | Educational components of free choice of general training | 4 | Differentiated grading |
| ECGT 2 | Educational components of free choice of general training | 4 | Differentiated grading |
| Total credits of electives components: | | 24 | |
| TOTAL CREDITS PER EDUCATIONAL PROGRAM: | | 90 | |

3. Distribution of Educational Program Content According to the Components Groups and Education Cycles

| # | Education cycle | The volume of the educational load of the student of higher education (credits / %) | | |
|---------------------------|----------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------|
| | | Mandatory components of educational and professional program | Selective components of the educational and professional program | Total for the entire period of study |
| 1 | 2 | 3 | 4 | 5 |
| 1 | General education cycle | 7 / 8 | - | 7 / 8 |
| 2 | Special (professional) education cycle | 59 / 66 | - | 59 / 66 |
| 3 | Electives | - | 24 / 26 | 24 / 26 |
| Total credits per program | | 66 / 74 | 24 / 26 | 90 / 100,0 |

4. THE FORM OF CERTIFICATION FOR HIGHER EDUCATION APPLICANTS

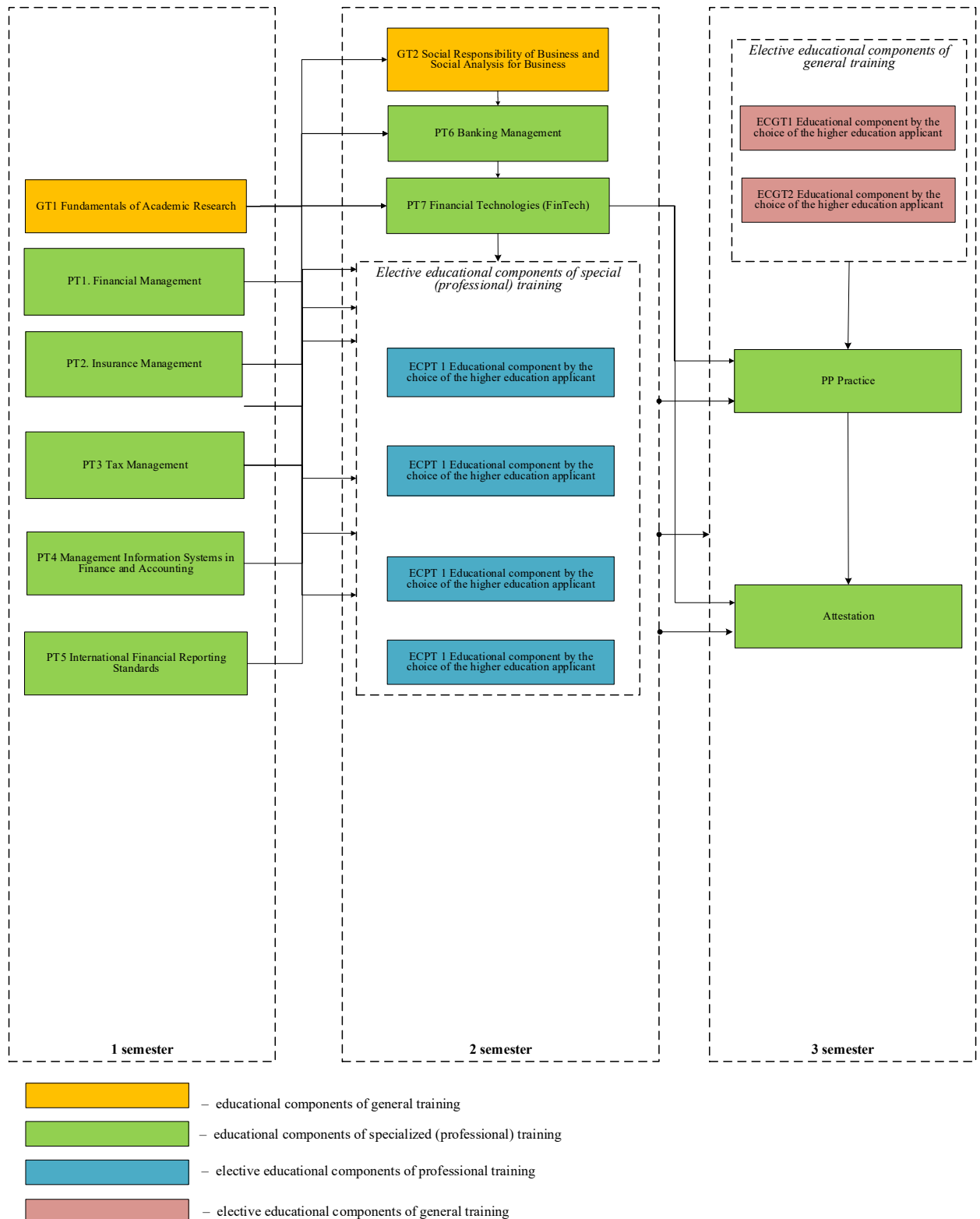
The certification of the educational program graduates, major 072 "Finance and Banking, Insurance and Stock Market" is carried out in the form of a public defense of thesis (with mandatory plagiarism check) and is completed with the issuance of a document in the established form certifying that the holder received master's degree with the following qualification: Master of Finance, Banking, Insurance, and Stock Market.

Attestation is carried out openly and publicly.

A qualification thesis must not contain plagiarism, fabrication, or falsification.

The qualification thesis must be published on the higher education institution's website or its structural unit or in the repository of the higher education institution.

5. STRUCTURAL AND LOGICAL SCHEME OF THE EDUCATIONAL PROGRAM



6. MATRIX OF CORRESPONDENCE BETWEEN DEFINED LEARNING OUTCOMES, COMPETENCIES, AND EDUCATIONAL COMPONENTS

| Learning outcomes | Competencies | | | | | | | | | | | | | | | | |
|-------------------|-----------------------------|----------|---------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------|-------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|---------------------------------------|---------------------------------------|
| | Integral competence | | | | | | | | | | | | | | | | |
| | General | | | | | | | | | Special | | | | | | | |
| | GC01 | GC02 | GC03 | GC04 | GC05 | GC06 | GC07 | GC08 | GC09 | PC01 | PC02 | PC03 | PC04 | PC05 | PC06 | PC07 | PC08 |
| LO01 | PT1, PT2, PT3, PT6, PP | | | | | | | | | PT1, PT2, PT3, PT6, PP | | | | | | | |
| LO02 | | | PT1, PT2, PT3, PT6, PT7, PP | | | | | | | PT1, PT2, PT3, PT6, PT7, PP | PT1, PT2, PT3, PT6, PT7, PP | | | | | | |
| LO03 | GT1, PT1, PT4, PT3, PT7, PP | | | | | | | | | | GT1, PT1, PT4, PT3, PT7, PP | | GT1, PT1, PT4, PT3, PT7, PP | | GT1, PT1, PT4, PT3, PT7, PP | | |
| LO04 | | | GT1, PT1, PT2, PT3, PT4, PT5, PT6, PP | | | | | | | | | | | | | GT1, PT1, PT2, PT3, PT4, PT5, PT6, PP | GT1, PT1, PT2, PT3, PT4, PT5, PT6, PP |
| LO05 | | GT2, PT5 | | | | GT2, PT5 | | GT2, PT5 | | | | | | GT2, PT5 | | | |
| LO06 | | | GT1, PT5, | | | GT1, PT5, | | | | | | | | | | | |
| LO07 | | | | | | | | | GT2 | | | | GT2 | | | | |
| LO08 | | | | PT1, PT4, PT7 | | | | | | | | | | | | PT1, PT4, PT7 | PT1, PT4, PT7 |
| LO09 | | | | | | PT1, PT2, PT3, PT4, PT5, PT6 | PT1, PT2, PT3, PT4, PT5, PT6 | | | | | PT1, PT2, PT3, PT4, PT5, PT6 | | PT1, PT2, PT3, PT4, PT5, PT6 | | | PT1, PT2, PT3, PT4, PT5, PT6 |
| LO10 | PT1 | | | | | | | | | | | PT1 | | | PT1 | PT1 | |
| LO11 | | | | | PT1, PT2, PT3, PT6, PP | | | | | | | PT1, PT2, PT3, PT6, PP | PT1, PT2, PT3, PT6, PP | | PT1, PT2, PT3, PT6, PP | | |
| LO12 | | | | GT2, PT1, PT2, PT3, PT5, PT6 | GT2, PT1, PT2, PT3, PT5, PT6 | | | | | | | GT2, PT1, PT2, PT3, PT5, PT6 | GT2, PT1, PT2, PT3, PT5, PT6 | | | | |
| LO13 | | | | | | PT1, PT2, PT3, PT5, PT6 | | | PT1, PT2, PT3, PT5, PT6 | | | | | | PT1, PT2, PT3, PT5, PT6 | | |