


«K.Kulazhanov Kazakh University of Technology and Business» JSC	EP 26/02-18-2025	
Educational program	Edition 4	

## EDUCATIONAL PROGRAM

**7M04146 Finance**


*code and name of the educational program*

Level: *Magistracy*

Approved  
 by the Board of Directors of JSC  
 «K.Kulazhanov KazUTB» "11.08" 2025,  
 protocol No. 10


  
 Recommended  
 by the Academic Council of JSC  
 «K.Kulazhanov KazUTB» "29.08" 2025,  
 protocol No. 10

Astana – 2025

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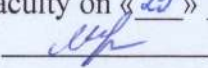
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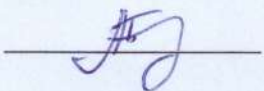
### Preface


The educational program «7M04146 – Finance» has been developed in accordance with the State Compulsory Standard for Higher and Postgraduate Education, approved by the Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022, No. 2 (as amended and supplemented on August 21, 2024), as well as based on the professional standards: "Financial management" order of the Deputy Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" dated December 26, 2019 No. 263, "Financing of innovative project" order of the Deputy Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" dated December 24, 2019 No. 259.

The educational program «7M04146 – Finance» was approved at the meeting of the Council on Academic Quality on «22» 05 2025, protocol No. 5  
 Chairman Baibolova L.K. 

The educational program «7M04146 – Finance» was approved at the meeting of the Commission on Academic Quality of the Faculty on «25» 04 2025, protocol No. 4  
 Chairman Mustafaev K.S. 

The educational program «7M04146 – Finance» was developed and discussed at the meeting of the department "Finance and accounting" dated «23» 04 2025, protocol No. 9/1  
 Head of the department

Mukushev A.B. 


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### Approval sheet

Educational program 7M04146 - Finance  
(code and name of the EP)

**AGREED:**

- |  |   |                 |           |           |
|--|---|-----------------|-----------|-----------|
| Vice-Rector for Academic Affairs                                   |    | E. Askarbekov   | " 22 " 05 | 2025 year |
| Head of Educational Programs Department                            |    | B. Bayadilova   | " 22 " 05 | 2025 year |
| Director of the Central Department Branch of Bank CenterCredit JSC |    | B. Kaldybayeva  | " 23 " 04 | 2025 year |
| Director of "Coni-media" LLP                                       |   | S. Serekbol     | " 23 " 04 | 2025 year |
| General Director of the Audit and Evaluation Center LLP            |  | B. Baltabaev    | " 23 " 04 | 2025 year |
| Director TauGroup LLP  |  | M. Zhumazhanova | " 23 " 04 | 2025 year |
| General Director of "QazTeksGrupp" LLP                             |  | R. Zhappassova  | " 23 " 04 | 2025 year |
| Student of group FN-221  |  | A. Baydakov     | " 23 " 04 | 2025 year |


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## 1 Passport of the educational program


International Standard Classification of Education (ISCED) level	7
National Qualification Framework (NQF) level	7
Sectoral Qualifications Framework (SQF) level	
Code and name of the field of education	7M04 Business, Management and Law
Direction of training	7M041 Business and Management
Number and name of the group of educational programs	M046 Finance, economics, banking and insurance
Code and name of the educational program (EP)	7M04146 Finance
Educational program profile	Higher economic education
The goal of the educational program	The purpose of the educational program is to train highly qualified specialists in the field of finance who are able to conduct scientific research in the field of finance and economics, develop and implement modern and innovative teaching methods, techniques and approaches in an academic and professional environment.
completion criterion of an educational program	At least 120 academic credits, including all types of student's academic activities
language of instruction of the educational program	Russian, Kazakh
Distinctive features of the educational program	
Partner University	

## 2 Qualification characteristics of a graduate of an educational program

Degree awarded	Master of Business and Management in the educational program «7M04146 – Finance»
Area and field of professional activity	Graduates of this educational program carry out managerial, entrepreneurial, and commercial activities in enterprises of all forms of ownership and fields of activity, financial authorities and insurance, banking organizations, and the securities market. Masters in Finance are engaged in financial and managerial activities, analytical, scientific and research activities. Organizes the management of the movement of financial resources of the organization and the regulation of financial relations, ensures the development of the financial strategy and financial tactics of the organization, manages the development of projects of long-term and current financial plans, forecast balances and cash budgets.
Types of professional activity	Graduates of this educational program can perform

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	<p>the following types of professional activities:</p> <ul style="list-style-type: none"> <li>- organizational and managerial. The graduate must have the skills to work professionally in public service (in financial and tax authorities, economic courts), in financial departments and departments of enterprises, in insurance organizations, in banks and other financial organizations.;</li> <li>- production and technological. It is the prerogative of graduates in this field, since the educational process requires them to thoroughly study all issues related to the organization of financial departments. The direct job responsibilities of graduates of this educational program are to participate in the creation of an effective management system for public finances, money circulation, and financial and banking technologies.;</li> <li>- calculation and design information. This activity involves the development of strategies and tactics for the financial activities of business entities, insurance companies, second-tier banks, and the securities market; drafting local budgets and business plans for enterprises; making calculations to assess the financial condition of enterprises, insurance organizations, and commercial banks.;</li> <li>- experimental research. The experimental and research activities of finance graduate students are carried out in accordance with the research programs of higher educational institutions, laboratories, research groups of industrial enterprises, corporations, research institutes, as well as within the framework of regional and international programs of scientific, industrial, scientific and technical cooperation.;</li> <li>- educational (pedagogical). It consists of professional activity in higher and secondary vocational educational institutions;</li> <li>- economic. For Masters of Finance, economic activity is the main one. The dynamism of the market requires a professional understanding of the need for further development and adjustment of the applied forms, methods, techniques and ways of organizing financial relations between business entities and the state;</li> <li>- legal. In modern market relations, the legal framework contributes to the normal course of social and economic development of society. The Master's degree in the educational program "Finance" has basic knowledge in the field of civil, financial, commercial and other branches of law, must be able to navigate the current legislation and is able to apply certain legal norms in practice.</li> </ul>
The object of professional activity	The objects of professional activity are scientific research institutes, state and local government bodies, production and economic, social and managerial, marketing, financial and

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	expert services of organizations and departments, enterprises, and business structures.
Functions and types of professional activity	<p>The functions of graduates' professional activities include:</p> <ul style="list-style-type: none"> <li>- Organization of financing of the company's activities;</li> <li>- Financial planning of the company's activities;</li> <li>- Asset management of the company;</li> <li>- Analysis, accounting and control of business results;</li> <li>- Personnel management;</li> <li>- Development and implementation of sections of the innovation strategy, operational management throughout the life cycle of innovative products;</li> <li>- Processing of significant life cycle results of innovative products.</li> </ul>


### 3 Requirements for the content of the educational program

Name of cycles and disciplines	Workload in academic credits
<b>The cycle of general education disciplines (OED)</b>	-
University Component	-
Elective Component	-
<b>Cycle of Basic Disciplines (BD)</b>	<b>35</b>
University Component	16
Elective Component	15
Professional practice	4
<b>Cycle of Major Disciplines (MD)</b>	<b>53</b>
University Component	5
Elective Component	35
Research practice	13
Research work of a master's student, including an internship and completion of a master's thesis	24
<b>Final assessment</b>	<b>8</b>
<b>Total</b>	<b>120</b>

### 4 Supplementary educational programs (minor)


#### 4.1 Minor "Modern aspects of AI application"

Name of disciplines	Labor intensity in academic credits
<b>Total</b>	

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### 5 Competency map of the educational program «7M04146 – Finance»

Type of competence	Learning Outcome Code	Learning Outcome (according to Bloom's Taxonomy)
Softskills	LO1	Presents research results in oral and written form using a foreign language and philosophical knowledge in complex scientific developments
	LO2	Designs academic disciplines taking into account the psychological and pedagogical characteristics of students based on the development of methods, approaches and technologies for pedagogical management in planning professional and personal growth
Digital skills	LO3	Uses modern technology, information, digital technologies and artificial intelligence capabilities in research, teaching and professional fields
Hardskills	LO4	Analyzes modern methodological approaches and research strategies used in scientific research in the financial and economic sphere
	LO5	Develops strategies for ensuring the financial stability of the company and managing the flow of financial resources, drafts of long-term and current financial plans, forecast balances and cash budgets
	LO6	Conducts analytical and research activities to attract financial resources from various sources, assessing the risks of financial instruments and the effectiveness of financial investments for further management decision-making
	LO7	Interprets the results of the analysis of financial, investment, legislative and other information in order to control the preservation of the company's solvency, the implementation of indicators and indicators of the financial strategy, the correctness of the preparation and execution of accounting documentation, the timeliness of its provision to external and internal users
	LO8	It applies financial modeling methods and identification, assessment and control tools in various segments of the financial market to evaluate investment projects and financial risks, followed by the adaptation of model data for scientific research and educational environment.

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## 6 Learning outcomes of the educational program and modules

*(The design layout is landscape)*

Key competencies	Learning Outcomes (LO) for the educational program	Name of module	Learning outcomes for the module	Name of disciplines that form learning outcomes
Softskills	LO1 Presents research results in oral and written form using a foreign language and philosophical knowledge in complex scientific developments	Modern problems of science and education	<p>He is able to use a foreign language to solve professional tasks, communicate effectively in a multilingual and multicultural environment, as well as carry out intercultural communication in significant situations of professional and general cultural activities</p> <p>He is able to philosophically comprehend science, analyze the main philosophical and methodological problems that arise in modern science, understand the trends in the historical development of science, and use the acquired knowledge and skills in theoretical and practical professional activity</p>	<p>Foreign language (professional)</p> <p>History and philosophy of science</p>



Softskills, Digital skills, Hardskills	<p>LO2 Designs academic disciplines taking into account the psychological and pedagogical characteristics of students based on the development of methods, approaches and technologies for pedagogical management in planning professional and personal growth</p>	<p>Modern problems of science and education</p>	<p>He is able to understand the role of the human factor and its psychological mechanisms in management, systematize theoretical and methodological approaches to the management process, develop psychological tools for effective management in a modern organization, and apply this knowledge in professional activities</p>	<p>Management psychology</p> <p>Higher school pedagogy</p>
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	<p>LO2 Designs academic disciplines taking into account the psychological and pedagogical characteristics of students based on the development of methods, approaches and technologies for pedagogical management in planning professional and personal growth</p> <p>LO 3 Uses modern technology, information, digital technologies and artificial intelligence capabilities in research, teaching and professional fields</p>	<p>Finance, financial analysis and fundamentals of financial discipline</p>	<p>Plans and constructs the educational process using modern pedagogical technologies and approaches (including ECTS credits, modularity, competence approach) of financial disciplines. It uses interactive, digital and student-centered teaching methods, modern methods of assessing students' knowledge, skills and competencies, taking into account criteria and levels of achievement. It provides an inclusive educational environment and adheres to academic standards, including the fight against plagiarism and respect for the diversity of students</p>	<p>Methods of teaching financial disciplines at the university</p>
		<p>Finance, financial analysis and fundamentals of financial discipline</p>	<p>Plans and constructs the educational process using modern pedagogical technologies and approaches (including ECTS credits, modularity, competence approach) of financial disciplines. It uses interactive, digital and student-centered teaching methods, modern methods of assessing students' knowledge, skills and competencies, taking into account criteria and levels of achievement. It provides an inclusive educational environment and adheres to academic standards, including the fight against plagiarism and respect for the diversity of students</p>	<p>Modern technologies of teaching financial disciplines</p>



Digital skills	<p>LO2 Designs academic disciplines taking into account the psychological and pedagogical characteristics of students based on the development of methods, approaches and technologies for pedagogical management in planning professional and personal growth</p> <p>LO 4 Analyzes modern methodological approaches and research strategies used in scientific research in the financial and economic sphere</p> <p>LO3 Uses modern technology, information, digital technologies and artificial intelligence capabilities in research, teaching and professional fields</p>	<p>Finance, investments and securities</p>	<p>Analyzes market phenomena from the point of view of behavioral economics and explains deviations from the efficient market hypothesis. Uses behavioral approaches to optimize financial strategies, improve decision-making and risk management in an environment of uncertainty</p>	<p>Behavioral Finance</p>
		<p>Finance, investments and securities</p> <p>Credit market and business project analysis</p>	<p>He uses various types of information and communication technologies in his personal activities: tools and methods for analyzing big data, Internet resources, cloud and mobile services for searching, storing, processing, protecting and distributing information</p>	<p>Big Data Analytics</p> <p>Financial Information research</p>
		<p>Technology in finance</p>	<p>Analyzes and applies modern software solutions, platforms and technologies in banking and financial services, lending, settlements and payments</p>	<p>Modern financial technologies</p> <p>Modern banking technologies</p>



Hardskills		Technology in finance	He is able to identify current scientific problems in the field of finance, formulate research questions, goals and objectives based on the analysis of scientific literature and practice. Selects and applies adequate quantitative and qualitative research methods (including econometric, statistical, comparative analysis, modeling) to study financial processes	Methodology of scientific research in finance
	<p>LO4 Analyzes modern methodological approaches and research strategies used in scientific research in the financial and economic sphere</p> <p>LO5 Develops strategies for ensuring the financial stability of the company and managing the flow of financial resources, drafts of long-term and current financial plans, forecast balances and cash budgets</p>	Technology in finance	He is able to assess the impact of ESG factors on investment decisions, form portfolios of sustainable investments, apply negative and positive dropout approaches, as well as thematic and impact investing. Identifies and analyzes ESG risks and their impact on asset values, sustainability of companies and countries; evaluates opportunities for sustainable business and economic growth	Sustainable Finance and ESG Investing




<p>Hardskills</p>	<p>LO5 Develops strategies for ensuring the financial stability of the company and managing the flow of financial resources, drafts of long-term and current financial plans, forecast balances and cash budgets LO 7 Interprets the results of the analysis of financial, investment, legislative and other information in order to control the preservation of the company's solvency, the implementation of indicators and indicators of the financial strategy, the correctness of the preparation and execution of accounting documentation, the timeliness of its provision to external and internal users LO6 Conducts analytical and research activities to attract financial resources from various sources, assessing the risks of financial instruments and the effectiveness of financial investments for further management decision-making</p>	<p>Advanced Financial Management</p>	<p>Analyzes the role of financial management in the formation and implementation of the company's strategy, interaction with other management functions. Develops and justifies optimal financing strategies, balancing equity and debt capital, taking into account the cost of capital and financial risks</p>	<p>Advanced Financial Management</p>
<p>Finance, investments and securities</p>	<p>Analyzes alternative investment strategies, including arbitrage, leverage, liquidity management, and diversification; evaluates the risks and profitability of alternative instruments. He is guided by current trends: digital assets (including cryptocurrencies and tokenization), sustainable investments (impact investing), investments in art, sports, environmental projects, etc</p>	<p>Alternative investments</p>	<p>Analyzes the impact of macroeconomic, political, regulatory, and currency factors on pricing and liquidity in international markets. Applies fundamental and technical analysis, valuation and profitability models to make investment decisions at the international level</p>	<p>International securities markets</p>



<p>Hardskills</p>	<p>LO6 Conducts analytical and research activities to attract financial resources from various sources, assessing the risks of financial instruments and the effectiveness of financial investments for further management decision-making LO7 Interprets the results of the analysis of financial, investment, legislative and other information in order to control the preservation of the company's solvency, the implementation of indicators and indicators of the financial strategy, the correctness of the preparation and execution of accounting documentation, the timeliness of its provision to external and internal users</p>	<p>Credit market and business project analysis</p>	<p>Forms proposals for the implementation of a risk management system in a financial institution, including elements of corporate governance and internal audit. Analyzes the functions and tools of regulators (including the Agency for Regulation and Development of the Financial Market of the Republic of Kazakhstan) in preventing and reducing systemic risks and ensuring the sustainability of the financial sector</p>	<p>Financial regulation  risk</p>
<p>Finance, investments and securities</p>	<p>Interprets key models of portfolio theory (Markowitz model, CAPM, arbitrage pricing model, etc.); applies portfolio optimization methods based on specified risk and return criteria; uses modern software tools to build and analyze investment portfolios; identifies factors influencing the behavior of portfolio investors and forms an investment portfolio taking into account investment policy and constraints</p>	<p>Portfolio Investment Theory</p>		



<p>LO6 Conducts analytical and research activities to attract financial resources from various sources, assessing the risks of financial instruments and the effectiveness of financial investments for further management decision-making LO 8 It applies financial modeling methods and identification, assessment and control tools in various segments of the financial market to evaluate investment projects and financial risks, followed by the adaptation of model data for scientific research and educational environment.</p>	<p>Finance, financial analysis and fundamentals of financial discipline</p>	<p>Uses methods of mathematical statistics, econometrics, and sensitivity analysis to evaluate, test, and verify financial models. Develops applied financial models using Excel, Python, R or other tools, adapting them to the conditions of specific companies, markets and the macroeconomic environment of Kazakhstan</p>	<p>Analysis of financial models</p>
<p>LO7 Interprets the results of the analysis of financial, investment, legislative and other information in order to control the preservation of the company's solvency, the implementation of indicators and indicators of the financial strategy, the correctness of the preparation and execution of accounting documentation, the timeliness of its provision to external and internal users</p>	<p>Finance, financial analysis and fundamentals of financial discipline</p>	<p>Analyzes the main stages of the development of financial science, including classical, Keynesian, neoclassical and modern approaches to explaining financial processes. Substantiates the importance of finance in ensuring macroeconomic stability, investment activity and sustainable development, including in the context of the Republic of Kazakhstan</p>	<p>Theory of finance</p>
	<p>Finance, investments and securities</p>	<p>Conducts a comprehensive financial analysis of enterprises and organizations, identifies strengths and weaknesses, risks and opportunities for improvement. Formulates sound proposals for optimizing the capital structure, managing liquidity, reducing financial risks, and improving resource efficiency</p>	<p>Financial consulting</p>

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			Evaluates the effectiveness of investment projects using discounted and undiscounted methods; compares alternative investment projects taking into account resource constraints; applies financial modeling tools to build project cash flows; develops recommendations for adjusting the investment project based on sensitivity and scenario analysis	Financial analysis and evaluation of investment projects
LO8 It applies financial modeling methods and identification, assessment and control tools in various segments of the financial market to evaluate investment projects and financial risks, followed by the adaptation of model data for scientific research and educational environment.	Credit market and business project analysis		Development of analytical competencies and critical thinking skills in the field of financial analysis by integrating conceptual material with numerical solutions based on spreadsheets and modeling methods	Financial modeling

### 7 The relationship between the attainability of the formed learning outcomes according to the educational program and academic disciplines

№	Name of the discipline	Brief description of the discipline	Number of credits	Generated learning outcomes (codes)							
				LO 1	LO 2	LO 3	LO 4	LO 5	LO 6	LO 7	LO 8
Cycle of basic disciplines											
University component/Elective component											
1	History and philosophy of science	The purpose of studying the discipline is to philosophically comprehend science, comprehend the factual and ideological content of the stages of	4	+							



		its development with the further use of acquired knowledge and skills in theoretical and practical professional activities.																	
2	Foreign language (professional)	The purpose of the course is to acquire and improve competence in accordance with international standards of foreign language education, allowing the use of a foreign language as a means of communication in the intercultural, professional and scientific activities of the future master.	4	+															
3	Higher school pedagogy	The objective of the course is aimed at developing pedagogical competence, mastering teaching methods and techniques, as well as modern educational technologies and their application in higher education practice. The course content covers the design and delivery of academic classes, the implementation of innovative pedagogical approaches, and the development of professional pedagogical thinking	4																
4	Management psychology	The objective of the course is aimed at mastering the methods of teaching psychological and managerial disciplines and instructional technologies that ensure the development of managerial and communication competencies. The course explores psychological mechanisms of management, methods of teaching them, as well as instructional technologies used in academic and professional education	4																
5	Methods of teaching financial disciplines at the university	The purpose of the course is to master the practice of teaching financial disciplines in the higher education system, as well as the formation of a set of general scientific competencies of the future	5																






		actions of financial market participants, the application of financial calculation methods taking into account the behavior of economic entities, as well as the application of models of behavioral financial decisions in various conditions, with decision-making, to analyze the scientific literature in this field												
10	Sustainable Finance and ESG Investing	The purpose of the course is to study the principles and practices of integrating environmental, social, and managerial (ESG) factors into financial decisions and investment strategies. Special attention is paid to sustainable financing instruments, international ESG standards and the impact of sustainable finance on the development of the economy and society, including the specifics of Kazakhstan	5											
The cycle of profile disciplines														
University component / Elective component														
11	Theory of finance	The purpose of the course is to form an integrated system of knowledge, skills and abilities in the field of finance in the system of economic relations and in the process of extended reproduction, public finance in the system of macroeconomic regulation, private finance in the system of macro and microeconomic regulation, the financial market as a factor in improving the effectiveness of financial relations	5											+
12	Methodology of scientific research in finance	The purpose of the course is to study the role of philosophical science in economic research, the concepts of "method" and "methodology", the methodology of economic research, the choice of research methodology, methods and methodology in social research. Economic methodology as a	5										+	





15	Modern financial technologies	The purpose of the course is to study the essence and features of modern financial technologies, including fintech products and fintech projects; to gain understanding and improve skills such as the promotion and development of fintech products and fintech projects in organizations; to explore the use of financial technologies in financial sector organizations	5	+									
16	Alternative investments	The purpose of the course is to develop basic knowledge and practical skills in managing non-traditional capital investments such as hedge funds, mutual funds, venture capital, art investments, crowdfunding, real estate, structural investment products, etc. to diversify investment portfolios and build effective long-term income strategies. The course allows you to study and acquire skills in assessing profitability and risk and creating alternative investment models	5									+	
17	Financial consulting	The purpose of the course is to study the methodology of financial consulting for representatives of various sectors of the economy and its application in practical consulting, to analyze, describe and comprehend the main business processes of economic entities, to prepare analytical materials for management in financial consulting and evaluate effectiveness; to conduct research on financial problems in the field of custom business, modeling the development of the economic situation	5										+
18	International securities markets	The purpose of the course is to provide undergraduates with an understanding of the main processes and trends taking place in the	5										+



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22	Big Data Analytics	<p>approaches to managing credit, market, operational, and other risks are considered</p> <p>The aim of the course is to master platforms for data analysis and processing, visualization and use of big data both in the workplace and in research centers, as well as to develop strategies based on analytics, improve forecasting and minimize risks</p>	5	+					
23	Financial Information research	<p>The aim of the course is to gradually develop the analytical abilities of undergraduates in the process of searching, selecting, analyzing, and providing financial information for research, including writing a dissertation. Special attention is paid to the use of statistical and mathematical models to identify trends and risks, to predict financial results and assess investment prospects, as well as to identify risk management strategies based on financial data</p>	5	+					

### 8 Alignment of planned learning outcomes with assessment technologies and teaching methods within the module


Learning Outcomes (LO) Number	Planned learning outcomes for the module	Assessment technologies (tools)	Methods of learning and teaching
LO1	Presents research results in oral and written form using a foreign language and philosophical knowledge in complex scientific developments	Problem method, discussion, small group work, brainstorming method. The question and answer method	Round table, discussion, polemic, dispute, debate, colloquium, interview, abstract, essay
LO2	Designs academic disciplines taking into account the psychological and pedagogical characteristics of students based on the development	Interactive lectures. Trainings. Discussions. Role-playing games, Situational games. Venn diagram, association method, cluster, dialogue learning, group work, brainstorming, video, project method	Simulator, case task, creative task, tests



	<p>of methods, approaches and technologies for pedagogical management in planning professional and personal growth</p>	<p>Interactive practical training (problem topics, business and role-playing games, case studies (analysis of specific circumstances), brainstorming. "Questions-answers-discussion". strategic methods "INSERT", "Bingo", "Jigsaw"). SMART goals. Project</p>	<p>A test, a mini-test in dictionaries, dictation, writing an essay, analyzing texts of various genres, creative tasks that show the ability to express their thoughts competently</p>
<p>LO3</p>	<p>Uses modern technology, information, digital technologies and artificial intelligence capabilities in research, teaching and professional fields</p>	<p>Interactive lectures, training and discussions. Group work, game methods, Situational games, the circle of time, the philosophy of children. Rainbow groups. Pair speech, listening troika, Jig method, Free discussion, a range of questions, a dialogue in a sticker, a turning post. Do mai-para-share, 3-step interview</p>	<p>Business and/or role-playing game, creative assignment, test</p>
<p>LO4</p>	<p>Analyzes modern methodological approaches and research strategies used in scientific research in the financial and economic sphere</p>	<p>Brainstorming session. A case study. Project. Portfolio, Round table, discussion, polemic, dispute, debate, "Get a question " method, Business and/or role-playing game. Different-level tasks and assignments. The Fishbowl method. SMART goals. The "circle of balance" method, the "Hidden Words" game. the "INSERT" method. the "Cluster" method, the "Free conversation" method, the "Chess" method, the "Free microphone" method</p>	<p>Colloquium, multi-level tasks and assignments</p>
<p>LO5</p>	<p>Develops strategies for ensuring the financial stability of the company and managing the flow of financial resources, drafts of long-term and current financial plans, forecast balances and cash budgets</p>	<p>A problematic method. discussion. the sociogram method. working in small groups.the brainstorming method. The question and answer method</p>	<p>Business and/or role-playing, creative task</p>
<p>LO6</p>	<p>Conducts analytical and research activities to attract financial resources from various sources, assessing the risks of financial</p>		



	<p>instruments and the effectiveness of financial investments for further management decision-making</p> <p>Interprets the results of the analysis of financial, investment, legislative and other information in order to control the preservation of the company's solvency, the implementation of indicators and indicators of the financial strategy, the correctness of the preparation and execution of accounting documentation, the timeliness of its provision to external and internal users</p>	<p>Interactive lectures. Trainings. Discussions. Role-playing games, Situational games. Venn diagram, association method, cluster, dialogue learning, group work, brainstorming, video, project method</p>	<p>Multi-level assignments tasks and</p>
<p>LO8</p>	<p>It applies financial modeling methods and identification, assessment and control tools in various segments of the financial market to evaluate investment projects and financial risks, followed by the adaptation of model data for scientific research and educational environment.</p>	<p>Interactive lectures. Discussions. Situational games. Association method, cluster, dialogue learning, group work, brainstorming, project method</p>	<p>Colloquium, multi-level tasks and assignments, creative assignment</p>

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**9 Correlation of learning outcomes of the educational program with the labor functions of professional standards (if any)**

Name of the professional standards used	Professions at level 7	Labor functions	Tasks	Learning outcomes for the educational program
Financial management	7	LF 1: Organization of financing of the company's activities	Task 1: Ensuring timely financial transactions	LO 3-8
			Task 2: Participation in the preparation of draft plans of a non-financial nature	LO 4-8
		LF 2: Financial planning of the company's activities	Task 1: Participation in the preparation of the financial strategy of the organization	LO 4-8
			Task 2: Participation in the preparation of draft plans of a non-financial nature	LO 4-8
			Task 3: Monitoring compliance with resource usage standards	LO 4-8
		LF 3: Company Asset Management	Task 1: Financial market analysis	LO 4-8
			Task 2: Participation in the implementation of an effective investment policy of the company	LO 3-8
		LF 4: Analysis, accounting and control of business results	Task 1: Accounting for the movement of financial resources	LO 3-8
			Task 2: Control over the implementation of the financial plan	LO 4-8
			Task 3: Accounting for the movement of financial resources	LO 3-8



Teacher (faculty) of organizations of higher and (or) postgraduate education	7	LF 1: Training	Task 1: Ensuring the required level of academic competencies of students Task 2: Ensuring the required level of professional competencies of students	LO1-3
		LF 2: Conducting scientific research	Task 1: Ensuring the integration of science, higher education and the labor market Task 2: Developing students' required level of research skills	LO1-3
		LF 3: Implementation of scientific and methodological work	Task 1: Scientific and methodological support of macro-processes of OVPO	LO1-3
		LF 4: Socialization of learning youth	Task 1: Promotion of social values among students Task 2: Introducing students to the values of their chosen profession	LO1-3 LO1-3



**10 Graduate model**

<b>GRADUATE MODEL</b>			
Competencies (soft skills, digital skills)			
	Attributes of a graduate	Knowledge	Skills
<p>Professional standard</p> <p>Professional standard "Financial management"</p> <p>Professional standard: "Financing of innovative project"</p>	<p>Has a systematic understanding of financial theory and practice, including corporate finance, investment, financial markets, risk management, and public finance. He is able to conduct in-depth financial analysis, interpret complex economic data and make informed decisions in the face of uncertainty and risks.</p> <p>Knowledge of the methodology of scientific research in the field of finance, the ability to formulate scientific problems, conduct independent research and present their results.</p>	<p>Principles of capital, investment, liquidity and value management of the company; methods of asset valuation, capital expenditures and capital structure.</p> <p>Structure and functions of financial markets; characteristics of securities, derivatives, currency and debt instruments; understanding of trading and regulatory mechanisms.</p> <p>Principles of formation and execution of the state budget, fiscal policy, inter-budgetary relations, fiscal sustainability.</p> <p>Methods of analysis of investment projects, financial statements and corporate efficiency using modern analytical tools.</p>	<ul style="list-style-type: none"> <li>- Analyze the financial condition of organizations;</li> <li>- Develop financial strategies and models;</li> <li>- Assess and manage financial risks;</li> <li>- To carry out investment analysis and evaluation of projects;</li> <li>- Make informed financial decisions;</li> <li>- Work with financial markets and instruments;</li> <li>- Apply digital and financial technologies;</li> <li>- To conduct scientific and applied research in the field of finance;</li> <li>- Comply with the standards of professional ethics and regulation;</li> <li>- Communicate effectively and work in a team</li> </ul>
			Professional skills (hard skills)
			<ul style="list-style-type: none"> <li>- Possession of advanced theoretical knowledge in the field of finance at the Master's degree level;</li> <li>- The ability to independently solve complex professional tasks and conduct scientific research in the field of finance;</li> <li>- Readiness for expert, analytical, managerial and research activities in corporate, government and international structures;</li> <li>- Competence to continue studying at the doctoral level or to engage in scientific and project work.</li> </ul>

ТИПИЧНЫЙ УЧЕБНЫЙ ПЛАН / ТИПІК ОҚУ ЖОСНАРЫ / TYPICAL CURRICULUM

7M04146 "Финансы" / "Karjy" / "Finance"

Модуль № / Module №	Пәндің № / Module № / Discipline №	Оқу пәндің шікілі (міндетті компоненті) / Цікпі үчедің дїсплїні (обязательный компонент / component no victory) Educational discipline cycle (compulsory component / component of choice)	Оқу пәндің қолы / Код үчедің дїсплїні / Educational discipline code	Семестр / semester	Кредиттер саны / Number of credits	Курсық жұмыс (жоба) / Курсовая работа (project)	Білім алушылардың жұмыс уақытының бөлімдегі					Семестр бойынша бауы						Оқыту тілі / үш тілде білім беру бағдарламасы бойынша оқыту тілінде, екінші тілде, үшінші тілде. / Язык обучения (для программ триязычного образования на языке обучения, на втором языке, на английском языке) / Language of education (for trilingual education programs, in the language learning in the second language, in	
							Барлық сағат / Bevto сағат / Total hours	Барлық аудит. сағат / Bevto аудит. сағат / Total classroom hours	Д / ЛК / Lec	СПС / СПЗ / SPL	ЛС / ЛЗ / LC	ӨБӘЖ / СРОП / WST	БӘЖ / СРО / WVS	1 КУРС / 1	2	3	2 КУРС / 4		
1	3	Гылым мен білім берудің заманауи мәселелері / Современные проблемы науки и образования / Modern problems of science and education		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
																			Оқу пәндің шікілі (міндетті компоненті) / Цікпі үчедің дїсплїні (обязательный компонент / component no victory) Educational discipline cycle (compulsory component / component of choice)
																			Оқу пәндің қолы / Код үчедің дїсплїні / Educational discipline code
																			Семестр / semester
																			Кредиттер саны / Number of credits
																			Курсық жұмыс (жоба) / Курсовая работа (project)
																			Барлық сағат / Bevto сағат / Total hours
																			Барлық аудит. сағат / Bevto аудит. сағат / Total classroom hours
Д / ЛК / Lec																			
СПС / СПЗ / SPL																			
ЛС / ЛЗ / LC																			
ӨБӘЖ / СРОП / WST																			
БӘЖ / СРО / WVS																			
1	1	Гылым тарихы мен философиясы / История и философия науки / History and philosophy of science	ИФН 5204-25 ИФН 5204-25 ИФН 5204-25	1	4		9	10	11	12	13	14	15	16	17	18	19	20	
2	2	Бақыару психологиясы / Психология управления / Management psychology	ПУ 5203-25 ПУ 5203-25 ПУ 5203-25	1	4		9	10	11	12	13	14	15	16	17	18	19	20	
3	3	Шет тілі (кәсіби) / Иностранний язык (профессиональный) / Foreign language (professional)	ІҮа (Р) 5201-25 ІҮа (Р) 5201-25 ІҮа (Р) 5201-25	1	4		9	10	11	12	13	14	15	16	17	18	19	20	
4	4	Жоғары мектептің педагогикасы / Педагогика высшей школы / Higher school pedagogy	ПҮШ 5202-25 ПҮШ 5202-25 ПҮШ 5202-25	1	4		9	10	11	12	13	14	15	16	17	18	19	20	
5	5	Педагогикалық практика / Педагогическая практика / Pedagogical practicum	ПедР 5205-25 ПедР 5205-25 ПедР 5205-25	2	4		9	10	11	12	13	14	15	16	17	18	19	20	
6	6	Магистранттың ғылыми-зерттеу жұмысы / Научно-исследовательская работа магистранта / The scientific research work of a магистранта	НІРМ 5401-25 НІРМ 5401-25 НІРМ 5401-25	1	4		9	10	11	12	13	14	15	16	17	18	19	20	
7	7	Магистранттың ғылыми-зерттеу жұмысы / Научно-исследовательская работа магистранта / The scientific research work of a магистранта	НІРМ 5402-25 НІРМ 5402-25 НІРМ 5402-25	2	6		9	10	11	12	13	14	15	16	17	18	19	20	
8	8	Магистранттың ғылыми-зерттеу жұмысы / Научно-исследовательская работа магистранта / The scientific research work of a магистранта	НІРМ 6403-25 НІРМ 6403-25 НІРМ 6403-25	3	5		9	10	11	12	13	14	15	16	17	18	19	20	

Бардыгы модуль бойынша / Total for module	ФЭЖ (ЖК) НИР (ВК) КВ (УС)	NIRM 6404-25 NIRM 6404-25 NIRM 6404-25	4	9	270	0	180	90	90	0	60	240	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
<b>Бардыгы модуль бойынша / Итого по модулю / Total for module</b>													
<b>Каржы, каржылык таалау және технологиялар / Финансы, финансовый анализ и основы финансовой дисциплины / Finance, Financial analysis and Technology</b>													
1	ЖОО-да каржылык пандерл окуту адистемеси Методика преподавания финансовых дисциплин в ВУЗе Methods of teaching financial disciplines at the university	МРФД 5206-25 МРФД 5206-25 МРФД 5206-25	1	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
2	Каржылык пандерл окутуудын замануу технологиялары Современные технологии преподавания финансовых дисциплин Methodology of scientific research in finance	СТРФД 5206-25 СТРФД 5206-25	2	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
3	Каржылык таалау және инвестициялык жобаларды багалау Финансовый анализ и оценка инвестиционных проектов Financial analysis and evaluation of investment projects	ФАЮП 5207-25 ФАЮП 5207-25 ФАЮП 5207-25	2	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
4	Каржылык моделдер таалау Анализ финансовых моделей Analysis of financial models	АФМ 5207-25 АФМ 5207-25 АФМ 5207-25	2	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
5	Түрақты каржы және ESG-инвестициялуу Устойчивые финансы и ESG-инвестирование Sustainable Finance and ESG Investing	УФЕИ 5208-25 УФЕИ 5208-25 УФЕИ 5208-25	2	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
6	интер-кулдук каржысы Поведенческие финансы Behavioral Finance	ПФ 5208-25 ПФ 5208-25 ПФ 5208-25	2	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
<b>Бардыгы модуль бойынша / Итого по модулю / Total for module</b>													
<b>Каржы саласындагы технологиялар / Технологии в финансах / Technologies in Finance</b>													
1	Каржылар теориясы Теория финансов Theory of Finance	ТФ 5208-25 ТФ 5208-25 ТФ 5208-25	1	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
2	Каржыдагы ғылыми зерттеулердин адистемеси Методология научных исследований в финансах Methodology of scientific research in Finance	МНУФ 5210-25 МНУФ 5210-25 МНУФ 5210-25	2	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option
3	Казирт замангы банкттик технологиялар Современные банковские технологии Modern banking technologies	СБТ 5209-25 СБТ 5209-25 СБТ 5209-25	3	5	150	45	30	15	15	90	2+1+0	90	Билим алуушынын таандауу бойынша / По выбору обучающегося / By student's option

Module / Module № 2

Module / Module № 3



**ЭКСПЕРТНОЕ ЗАКЛЮЧЕНИЕ**  
**на образовательную программу 7М04140 «Финансы»**  
*(магистратура научно-педагогическое направление)*  
**кафедры «Финансы и учет»**  
**АО «Казахский университет технологии и бизнеса»**  
**на 2025-2027**

Образовательная программа 7М04140-«Финансы» разработана в соответствии с требованиями Государственным общеобязательным стандартом высшего и послевузовского образования, утвержденным приказом Министра науки и высшего образования Республики Казахстан, профессиональный стандарт «Финансовый менеджмент», «Финансирование инновационного проекта» и Педагог (профессорско-преподавательский состав) организаций высшего и (или) послевузовского образования. Программа носит также прикладной характер и направлена на подготовку специалистов, обладающих современными знаниями в области стратегического и операционного финансового управления, инвестиционного анализа и корпоративных финансов.

Программа включает все обязательные компоненты: базовую и вариативную части, научно-исследовательскую и проектную работу, а также защиту выпускной квалификационной работы (магистерской диссертации).

Дисциплины программы полностью соответствует запросам финансового рынка и работодателей. Особое внимание уделяется цифровым технологиям в финансах и использованию искусственного интеллекта в таких дисциплинах как «Big Data Аналитика», «Исследования финансовой информации», а также управлению устойчивым развитием, что актуально в свете ESG-финансов. Выпускники программы востребованы в коммерческих банках, инвестиционных компаниях, органах государственного и местного управления, аудиторских и консалтинговых структурах.

Программа разработана с участием представителей профессионального сообщества и содержит хорошо сбалансированные курсы по корпоративным финансам, управлению рисками, финансовому моделированию и эконометрическому анализу. Используются современные цифровые платформы, симуляторы и базы данных. Уровень учебно-методического сопровождения соответствует академическим стандартам ведущих вузов.

Образовательная программа 7М04140 «Финансы» на 2025-2027 гг. отвечает современным требованиям к подготовке кадров в сфере финансов, демонстрирует высокий уровень академической и научно-педагогической составляющей, а также обладает устойчивым потенциалом для дальнейшего развития и интернационализации.

Эксперт: Декан Высшей Школы Бизнеса  
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Аимкулов Р.А.

**ЭКСПЕРТНОЕ ЗАКЛЮЧЕНИЕ**  
на образовательную программу 7M04140 «Финансы»  
(магистратура научно-педагогическое направление)  
кафедры «Финансы и учет»  
АО «Казахский университет технологии и бизнеса»  
на 2025-2027

Образовательная программа 7M04140-«Финансы» направлена на подготовку высококвалифицированных специалистов, способных анализировать, планировать и управлять финансовыми ресурсами на уровне организаций и государственного сектора. Программа ориентирована на развитие аналитических, стратегических и управленческих компетенций, а также критического мышления.

Программа реализуется в соответствии с уровнем 7 Национальной квалификационной рамки Республики Казахстан и СКР РК, а также профессиональных стандартов «Финансовый менеджмент», «Финансирование инновационного проекта» и Педагог (профессорско-преподавательский состав) организаций высшего и (или) послевузовского образования. К результатам обучения относятся умение проводить финансовый анализ и оценку инвестиционных проектов; владение методами финансового планирования и бюджетирования; применение цифровых инструментов в финансовом управлении; разработка стратегий в области корпоративных и государственных финансов.

Для достижения представленных результатов обучения в образовательной программе предусмотрены следующие дисциплины:

- Финансовый анализ и оценка инвестиционных проектов;
- Анализ финансовых моделей;
- Бюджетная политика государства;
- Финансовое моделирование;
- Регулирование финансовых рисков;
- Устойчивые финансы и ESG-инвестирование;
- Big Data Аналитика;
- Исследования финансовой информации.

Образовательная программа магистратуры 7M04140-«Финансы» соответствует всем основным требованиям ЕПВО, ESG и национальной системы квалификаций РК. Программа может быть рекомендована к использованию, как соответствующая стандартам качества ЕПВО.

Эксперт:  
К.э.н., асоц.профессор  
Зав.кафедрой «Финансы»  
Учреждения « Esil University»



Лукпанова Ж.О.

**ЭКСПЕРТНОЕ ЗАКЛЮЧЕНИЕ**  
**на образовательную программу 7M04140 «Финансы»**  
*(магистратура научно-педагогическое направление)*  
**кафедры «Финансы и учет»**  
**АО «Казахский университет технологий и бизнеса»**  
**на 2025-2027**

Образовательная программа 7M04140—«Финансы» направлена на подготовку квалифицированных специалистов в области управления корпоративными и государственными финансами, анализа и оценки инвестиционных проектов, стратегического финансового планирования, с учётом требований цифровой трансформации и устойчивого развития экономики. Программа реализуется в соответствии с уровнем 7 Национальной квалификационной рамки Республики Казахстан и СКР РК, а также соответствует целям Болонского процесса.

В разработке программы участвовали работодатели, выпускники, представители профессионального сообщества. Программа адаптирована под региональные и национальные потребности рынка труда. В частности, предложено введение таких дисциплин, как:

- Поведенческие финансы;
- Устойчивые финансы и ESG-инвестирование;
- Big Data Аналитика;
- Исследования финансовой информации.

Программа демонстрирует высокий уровень соответствия принципам Европейского пространства высшего образования (EHEA), в том числе: реализация компетентностного подхода; ориентация на результат обучения (learning outcomes); наличие академической мобильности; участие студентов в научных и прикладных проектах; прозрачная система оценки с использованием ECTS-кредитов.

Цели программы чётко определены, согласуются с миссией вуза и потребностями рынка труда. Программа формирует у выпускников ключевые компетенции: управление финансовыми потоками, инвестиционный анализ, стратегическое планирование, аналитические и исследовательские навыки.

Учебный план сбалансирован, включает обязательные и элективные компоненты, научно-исследовательскую практику, подготовку и защиту магистерской диссертации. Используются цифровые платформы Moodle и международных библиотек.

В целом, образовательная программа 7M04140-«Финансы» на 2025-2026 гг. и каталог элективных дисциплин соответствуют всем требованиям и рекомендованы к использованию в учебном процессе.

Исахова П.Б.

д.э.н., руководитель отдела докторантуры

Алматы Менеджмент Университет

