

Ministry of Agriculture of the Republic of Kazakhstan
NCJSC «S.Seifullin Kazakh Agrotechnical Research University»

APPROVED

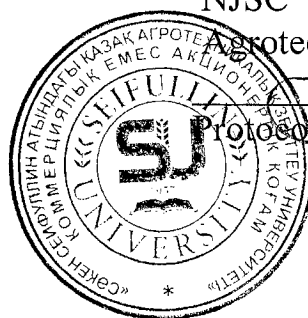
Chairman of the Board-Rector

NJSC " S.Seifullin Kazak

Agrotechnical Research University "

Tireuov M.K.

Protocol № 18 «24» 04 2025 y.



EDUCATIONAL PROGRAM

7M04119 «Finance»

Code and classification of field of education: 7M04 Business, management and law

Code and classification of areas of training: 7M041 Business and management

International Standard Classification of Education code: 0410

Degree awarded: Master of Business and Management in the educational program
7M04119 "Finance"

Astana 2025

Академический комитет:

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The educational program has been endorsed by employer representatives:

№	Full Name	Position	Place of Work	Signature and Seal
1	Dzhaksylykova Zh.A.	Head of Legal Entities Administration Department	Department of State Revenue for Saryarkinsky district of Astana	

The Academic Committee was approved by the order of the Chairman of the Board – Rector of the NJSC "Saken Seifullin Kazakh Agrotechnical Research University" No. 1.8.1-3/435-Н dated 12 December 2024.

Educational Program 7M04119 «Finance»:

Reviewed:

at the meeting of the Department of Accounting and Finance, minutes No. 8 dated 03.02 2025.

at the meeting of the Faculty Academic Quality Council, minutes No. 8 dated 05.03 2025.

at the meeting of the University Academic Council, minutes No. 7 dated 19.03 2025.

Date of the latest update of the Educational Program Passport: July 01, 2025

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1 Normative references

When developing the EP, references to the following normative legal acts were used:

1. Constitution Of The Republic Of Kazakhstan;
2. Labor Code Of The Republic Of Kazakhstan;
3. Law of the Republic of Kazakhstan "on education";
4. "state mandatory standards of 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 (hereinafter referred to as the state educational standard;
5. "rules for organizing the educational process on Credit Technology of training in organizations of Higher and postgraduate education", approved by the order of the Minister of Education and science of the Republic of Kazakhstan dated April 20, 2011 No. 152;
6. "standard rules of activity of the Organization of Higher and postgraduate education", approved by the order of the Minister of Education and science of the Republic of Kazakhstan dated October 30, 2018 No. 595;
7. "qualification requirements for educational activities of organizations of Higher and (or) postgraduate education and a list of documents confirming compliance with them", approved by the order of the minister of Science and higher education of the Republic of Kazakhstan dated January 5, 2024 No. 4;
8. Order of the minister of Education and science of the Republic of Kazakhstan dated March 20, 2015 No. 137 "on approval of the requirements for educational organizations on distance learning and the rules for organizing training in the form of online training on distance learning and educational programs of higher and (or) postgraduate education";
9. instructions for using the European transfer and accumulation system (ECTS);
10. guidelines with standards for ensuring the quality of higher education in the European Higher Education Space (ESG) ;
11. guidance on the development of educational programs of Higher and postgraduate education, Appendix 1 to the order of the director of the National Center for the development of higher education of the Ministry of national education of the Republic of Kazakhstan No. 601 dated 4.05.2023;
12. "Rules for maintaining the Register of educational programs implemented by organizations of Higher and (or) postgraduate education, as well as the grounds for inclusion and exclusion from the Register of educational programs", approved by the order of the minister of Science and higher education of the Republic of Kazakhstan dated October 12, 2022 No. 106.

2. Passport of the educational program

2.1 Purpose of the educational program

The educational program "Finance" is a system of documents developed taking into account the requirements of the labor market on the basis of the State Mandatory Standard of Postgraduate Education of the Republic of Kazakhstan, in accordance with the National Qualifications Framework, with the Dublin Descriptors and the European Qualifications Framework. The OP was developed on the basis of the ORC "Financial and Economic Activity", approved by Protocol No. 3 dated April 3, 2023 by the Republican Tripartite Commission on Social Partnership and Regulation of Social and Labor Relations. When developing the educational program, the requirements of the PS "Financial Management" were taken into account (Appendix No. 94 to the 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, PS "Financing of an innovative project" (Appendix No. 14 to the 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).

In addition, according to the Atlas of New Professions, changes in the labor market will require supra-professional skills, which include working in conditions of uncertainty, systems thinking, and data analysis.

The list of professional standards (PS) and industry qualifications frameworks (ORCS) corresponding to the professional activities of graduates who have completed the educational program

N	Name of ORC, PS, date of approval	Recommended job titles	Labor functions
1	ORC "Financial and economic activity" dated April 3, 2023	Accountant of the highest category, auditor, chief economist, chief financier, head of the financial and economic department, financial analyst, financial consultant, researcher	
2	PS : "Financial Management" dated December 26, 2019, No. 263	Financial Director:(head of the Financial and Economic Department or Head of the Financial and Economic Service)	
3	PS: "Accountant" dated December 29, 2023	Accountant of the highest category	Organization, planning, coordination and control of accounting and tax accounting, preparation of consolidated financial statements, tax calculations and declarations of the company.

The purpose of the educational program is to prepare Masters of business and management in the field of financial planning, analysis and modeling in the field of financial and banking activities.

The program promotes the formation of professional knowledge and managerial competencies for effective financial and banking activities.

The program provides comprehensive knowledge and practical skills in financial and cash flow management, as well as financial control in commercial organizations, including financial and

credit organizations, non-profit organizations, public authorities and local governments, non-governmental and public organizations.

2.2 Learning outcomes

Masters of Business and Management in the educational program "Finance" after successful completion will be able to demonstrate the ability to:

№	Learning outcomes	Reflects the labor function
ON 1	Apply a foreign language in professional activities, actively use business skills in a foreign language to obtain professional information from foreign sources, oral and written communication at a professional level, taking into account the specifics of finance.	
ON 2	To demonstrate leadership qualities in various types of activities, applying fundamental managerial and communicative knowledge in professional activities, to analyze and select effective management decisions aimed at achieving strategic and tactical goals of the functioning of the management object in the market.	
ON 3	Analyze the activities of economic entities for a scientifically sound choice of strategic and tactical financial solutions in the field of optimizing the structure of financing sources, assessing the risk and profitability of financial assets, and determining the efficiency of using enterprise resources.	
ON 4	To determine the priorities of financial tasks in professional activity, assessing the impact of macroeconomic processes, monetary and fiscal policies on the financial system, public finances, and financial markets.	
ON 5	To explore various software products, modern innovative technologies in the field of government, corporate finance, and the financial market in order to apply them for more accurate planning and forecasting of financial and economic indicators.	
ON 6	To form a strategy and tactics for ensuring the financial stability of financial institutions, companies, organizations, building a financial management mechanism, identifying the most effective financial instruments.	

ON 7	To use general concepts, theoretical knowledge and modern information technologies in the field of financial accounting, analysis and taxation to form a development strategy and raise the level of management and production activities.	Organization, planning, coordination and control of accounting and tax accounting, tax calculations and declarations of the company. Preparation and presentation of financial statements.
ON 8	Demonstrate willingness to carry out professional activities in the financial market using modern concepts of financial analytics, innovative banking products and services in the financial sector	

3. General characteristics of the educational program

The educational program “Finance” is a unique, practice-oriented program that teaches trends in financial markets, the ability to competently manage financial resources using IT technologies, successfully invest in various projects, analyze risks and regulate financial relations.

At the moment, in the domestic labor market in the economics segment, specialists with the skills of conducting business research, project management and financial resource management are in demand.

According to the Atlas of New Professions, changes in the labor market will require transprofessional skills, which include working in conditions of uncertainty, systems thinking, and data analysis. It is precisely such professionals - financiers with deep analytical skills - that the Finance program prepares.

The master's program allows you to master a full range of knowledge and skills to train specialists with practical and analytical competencies of modern finance for the development and implementation of financial business strategies in an innovative economy.

Distinctive features of training:

- the content of the program is integrated with the key provisions necessary to pass the ACCA exams and certification “Finance and Business Management”;
- the integrated nature of the program creates the basis for the professional and behavioral competencies of masters who are able to objectively assess factors in the external and internal environment of an organization, formulate tactical and strategic objectives for the development of an economic entity, and develop its economic and financial policies;
- high quality of training, ensured by the use of interactive methods, innovative technologies, modern automation tools, which allow transforming the theoretical knowledge of undergraduates in the field of finance into practical skills.

In order to improve the quality of training and fulfill the requirements of the educational program, well-known scientists and practitioners with experience in the field of finance and banking are invited.

The competitive advantages of the educational program “Finance” is the preparation of a competitive specialist with interdisciplinary knowledge and skills to perform professional tasks in the field of finance of the public and real sector and investments in the digital economy.

Competitive advantages of the educational program:

- highly qualified teaching staff (with an academic degree and title, practical experience) with deep theoretical knowledge and the necessary practice in the relevant field;
- high-quality methodological support for disciplines;
- research partnership between undergraduates and teachers;
- acquisition of practical skills during training in the format of internships in banks and companies;
- use of various electronic resources for financial market professionals (bloomberg and thomson reuters eikon)
- participation of undergraduates in academic external and internal mobility and international scientific conferences.

Disciplines aimed at professional training in the EP “Finance” implemented jointly with business partners - leading experts in the industry. Social partners participating in the formation and implementation of the educational program are:

1. Professional organization of accountants (POA) "League of Professional Accountants"; 2. POB "Union of Accountants and Accounting Organizations of Kazakhstan"; 3. JSC "Halyk Bank of Kazakhstan"; 4. JSC "Eurasian Bank"; 5. JSC "Bank CenterCredit"; 6. Department of State Revenue for Astana; 7. JSC “Jysan Bank”; 8. APK-Invest Corporation LLP; 9. JSC "NSK"; 10. JSC “Otbasy Bank”, etc.

The educational program implemented by teachers of KATRU named after S. Seifullina (Doctors and Candidates of Science, PhD, holders of certificates of Professional Accountant of the

Republic of Kazakhstan, CAP, CIPA, ACCA DipIFR (rus), tax consultants of the first category) with the involvement of leading specialists - practitioners of large commercial structures, provides for the use of e-learning technologies (video lectures, educational videos, virtual boards, online consultations, webinars, video conferences, online testing, use of library services), facilitating a more comprehensive and comprehensive study of the material.

Various software products are actively used in the educational process: Your financial analyst - a system for intelligent analysis of the financial condition of an organization according to financial statements; Audit Expert - an analytical system for diagnosing, assessing and monitoring the financial condition of one or a group of enterprises based on financial and management data, including consolidated statements; Project Expert - a program for developing business plans and evaluating investment projects; 1C:Enterprise - automation of accounting and tax accounting, including the preparation of mandatory (regulated) reporting in the organization; STATISTICA is a software package designed for statistical analysis; SPSS Statistics is a software package for statistical analysis.

The knowledge, skills and abilities acquired by graduates of the educational program will allow them to work as highly qualified specialists and managers in the accounting, financial and analytical services of organizations (firms) in various industries and forms of ownership; in state and local authorities.

The practice-oriented nature of the program and the high competitiveness of the resulting profession ensure that graduates are in demand and easy adaptation in the labor market.

4. Competency model (portrait) of a graduate

4.1 Areas of professional activity

Graduates who have completed the master's program can engage in organizational, managerial, design, economic, analytical and research activities.

Areas of professional activity:

1.1 "Specialists in business and administration":

chief accountant, auditor, chief economist, chief financier, financial manager, head of financial and economic affairs, financial director, financial analyst, financial consultant, tax specialist.

Requirements for skills and abilities:

Accepts and is responsible for solving tasks and problems.

Demonstrates knowledge and understanding that builds on and goes beyond and/or develops knowledge and understanding acquired at the undergraduate level that provides the basis or opportunity for the original development or application of ideas, often in the context of scientific research.

Applies knowledge, understanding, and problem-solving ability to new or unfamiliar situations and contexts within broader (or interdisciplinary) areas related to the area being studied. Integrates knowledge, copes with complexity, and makes judgments based on incomplete

or limited information, taking into account the ethical and social responsibility for the application of such judgment and knowledge. Communicates findings and knowledge and their rationale clearly to specialists and non-specialists. Continues training independently.

Demonstrates the skills to formulate justifications for concepts and present them, conduct expertise to solve complex problems and ensure the implementation of the most optimal solutions in terms of functionality.

Accepts and is responsible for solving tasks and problems using innovative approaches, methods of constructing concepts and operating strategies.

Skills in applying audit (including analytical) procedures.

Negotiation skills, conflict management skills, change management skills.

Fraud detection skills.

Knowledge requirements:

Deep knowledge in the field of professional activities, as well as finance, marketing, international markets.

Knowledge of the rules of operation of enterprises, regulations, approaches, methodology of system analysis and design of professional situations, methods of making management decisions, knowledge of the principles of collective and team building, work organization and management.

Knowledge of the current legislation of the Republic of Kazakhstan.

Knowledge of methodologies for constructing concepts, strategies, functional models of activity and interaction, methods of setting and systematically solving tasks and problems.

Synthesis of professional knowledge (including innovative knowledge) and experience in a certain area and/or at the intersection of areas and industries.

Understanding the nature, applicability and financial implications of the technological, material and human resources required to perform highly specialized professional activities.

Determining ways to solve problems and problems using strategic approaches.

Understanding how to measure, minimize and manage risks.

Knowledge of international professional standards for internal auditing and the Code of Ethics for Internal Auditors developed by the Institute of Internal Auditors. Knowledge of the basics of risk management, understanding of the internal control system. Knowledge of the basics of corporate governance. Knowledge of the basics of psychology. Knowledge of the basics of business ethics and labor protection requirements.

Knowledge of digital literacy at the level: Advanced user.

4.2 Types of professional activities

Types of labor activity in the financial and economic sphere:

- planning, accounting and control: collection of initial data for carrying out calculations of economic and socio-economic indicators characterizing the activities of business entities; carrying out calculations of economic and socio-economic indicators based on standard methods taking into account the current regulatory framework; development of economic sections of plans for enterprises of various forms of ownership, organizations, departments; audit of basic business operations; accounting for the presence and movement of assets, liabilities and capital of an economic entity and determining the results of its economic and financial activities; conducting statistical surveys, surveys, surveys and initial processing of their results; participation in the development of project solutions in the field of accounting, audit or economic analysis, preparation of proposals and activities for the implementation of developed projects and programs; analytical processing of accounting and reporting information for the purpose of making business decisions and obtaining an assessment of the efficiency of the functioning of objects;
- production and management: management of the activities of employees (groups) with acceptance of responsibility for the result at the level of a unit or organization, taking into account the achievement of the results of strategic planning; analysis and development of solutions to improve the process, development of new approaches, use of various methods (including innovative ones); determining the strategy of a division or organization; negotiating to achieve acceptable solutions on professional issues; development for a specific enterprise of a rational accounting and reporting system based on the choice of effective accounting policies; preparation and decision-making on issues of organizing management and improving the activities of the accounting service and analytical departments of enterprises and institutions;
- research and educational activities.

4.3 General educational competencies

As a result of mastering this educational program, masters of business and management must consolidate and develop the following academic and social-personal competencies:

be able to: work independently with educational and scientific literature, statistical information; work in a team; think dialectically and defend your point of view; use acquired knowledge for the original development and application of ideas in the context of scientific research; critically analyze existing concepts, theories and approaches to the analysis of processes and phenomena;

have the skills to: solve standard scientific problems; professional communication and intercultural communication; oratory, correct and logical presentation of one's thoughts in oral and written form; expanding and deepening the knowledge necessary for everyday professional activities and continuing education.

to be competent: constant updating of knowledge, expansion of professional skills and abilities.

4.4 Basic competencies

Masters of Business and Management in the Finance educational program, after successful completion of this program, will be able to demonstrate the ability to:

- know a general idea of science and scientific thinking;
- know the trends in social development of society;
- the ability to navigate the main stages and processes of the development of foreign literature, to use this experience in professional activities;

- the ability to analyze the main trends in the formation of the social structure of modern society;
- strive for professional and personal growth;
- have the basics of economic knowledge, have scientific ideas about management, marketing, finance, economics, etc.;
- know and understand the goals and methods of state regulation of the economy, marketing, the role of the public sector in the economy;
- be able to navigate modern information flows and adapt to dynamically changing phenomena and processes in the global economy.

4.5 Professional competencies

Masters of Business and Management in the Finance educational program, after successful completion of this program, will be able to demonstrate the ability to:

- be able to critically analyze existing concepts, theories and approaches to the analysis of processes and phenomena;
- ability to identify the main problems and issues of managing the country's economy;
- knowledge of the methodological foundations of the company's anti-crisis management;
- knowledge of the legislation of Kazakhstan, IFRS and ISA;
- knowledge of the theory and practice of financial relations of corporations in a market economy, features of the organization of finances of enterprises of various forms of ownership and management;
- the ability to generalize best practices in managing a banking product and its promotion at the present stage;
- acquire knowledge in the field of the fundamentals of functioning of the state budget;
- know the basic methods and methodology of regulating money circulation in the economy;
- knowledge of the skills and methods of compiling a company budget.

5. Base professional practice

The educational program of the specialized master's degree includes practical training (PD cycle).

Industrial practice for undergraduates is a type of educational work aimed at expanding and consolidating the theoretical and practical knowledge acquired by undergraduates in the learning process, acquiring and

improving practical skills in the chosen master's program, preparing for future professional activities, collecting factual material for preparing a master's project.

The content of practical training is determined by the topic of the master's research.

Forms and content of practice:

- study of reference and bibliographic systems, methods of searching for information;
- acquiring skills in working with bibliographic reference books, compiling scientific bibliographic lists, using bibliographic descriptions in scientific works;
- work with electronic databases of domestic and foreign library collections;
- working with the empirical basis of research in accordance with the chosen topic (drawing up a program and plan for empirical research, setting and formulating tasks for empirical research, determining the object of empirical research, choosing an empirical research methodology, studying methods for collecting and analyzing empirical data);
- conducting statistical and sociological research related to the topic of the project;
- mastering questioning and interviewing techniques (questionnaire preparation, survey, analysis and summarization of results);
- mastering observation, experiment and modeling techniques;
- preparing arguments for scientific discussions, including public ones;
- generalization and preparation of the results of experimental research activities of the undergraduate for the continuation of scientific research within the framework of the postgraduate education system.

Industrial practice of students organized at the NCJSC "KATRU named after S. Seifullin" and is carried out based on agreements with organizations. The main bases of production practices are:

№	Organization name
1.	JSC "Halyk Bank of Kazakhstan"
2.	JSC "Eurasian Bank"
3.	JSC "Bank CenterCredit"
4.	State Revenue Department
5.	JSC "Jysan Bank"
6.	JSC "Nurbank"
7.	JSC FreedomBank
8.	APK-Invest Corporation LLP
9.	JSC "Oil Insurance Company"
10.	JSC "Otbasy Bank"

6. Structure of the educational program

№ п/п	Name of cycles of disciplines and activities	Total labor intensity	
		in academic hours	in academic hours
1	2	3	4
1.	Theoretical training	1170	39
1.1	Cycle of basic disciplines (BD)	300	10
1)	University component (UC)	180	6
	including:		
	Foreign language (professional)	60	2
	Management	60	2
	Psychology of management	60	2
2)	Component of choice (CC)	120	4
	Public financial management	120	4
1.2	Cycle of profiling disciplines (PD)	870	29
1)	University component (UC)	120	4
	Financial Management (Advanced Course)	120	4
2)	Component of choice (CC)	750	25
	Private banking services / Financial modeling	5	5
	Innovative technologies in the financial sector / Modern banking technologies	180	6
	Financial accounting in accordance with IFRS / Evaluation of financial reporting indicators	270	9
3)	Industrial practice	150	5
2	Experimental research work	390	13
1)	Experimental research work of a master's student, including internship and completion of a master's project (ERMS)	390	13
3	Additional types of training (ATT)		
4	Final certification (FC)	240	8
1)	Registration and defense of the master's project (RDMP)	240	8
	Total	1800	60

7. Matrix of achievability of the generated learning outcomes in the educational program using academic disciplines

№	Name of the discipline	Brief description of the discipline	Number of credits	Formative learning outcomes (ON)							
				ON1	ON2	ON3	ON4	ON5	ON6	ON7	ON8
Cycle of basic disciplines University component (6 credits)											
1	Foreign language (professional).	Language for professional and academic purposes at an advanced level, which will allow you to freely operate with the scientific and conceptual apparatus of the specialty, expand the scientific and information base, and master the skills of interpreting scientific information, argumentation, persuasion, scientific polemics, and academic writing.	2	v							
2	Management	While studying the discipline “Management”, undergraduates will be familiarized with the role and place of management in the system of economic sciences, the essence of management functions, the content of the process of making and implementing management decisions, the principles of building an organization and the main types of organizational structures, their advantages and disadvantages, professional and personal requirements to the manager, factors that determine management effectiveness.	2	v					v		
3	Psychology of management	During the study of the discipline “Psychology of Management”, the conceptual apparatus of management psychology, the manager and the team, conflicts in the work team, management communication, decision-making technology, the concept of the subject and object of	2	v					v		

