

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

APPROVED

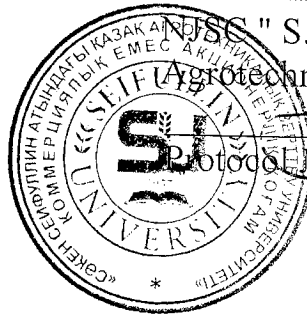
Chairman of the Board-Rector

NCJSC " S.Seifullin Kazak

Agrotechnical Research University "

Tireuov M.K.

Protocol № 18 «24» 04 2025 y.



EDUCATIONAL PROGRAM

8D04104 «Financial Innovation in Business»

Code and classification of field of education: 8D04 Business, Management and Law

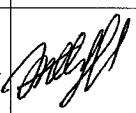
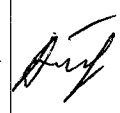
Code and classification of areas of training: 8D041 Business and Management

International Standard Classification of Education code: 0410

Degree awarded: PhD in the educational program 8D04104 «Financial Innovation in Business»

Astana 2025

Academic Committee:

Full	name	Academic I'm a student degree, title	Position	Place of work	Signature
1	Baimagambetova Zamzagul Aitmagambetovna	Candidate of Economic Sciences.	Senior lecturer of the Department "Accounting and Finance"	KATIU named after S. Seifullin	
2	Mataibayeva Gulnar Zharylgapovna		Senior Lecturer of the Department of Accounting and Finance	KATIU named after S. Seifullin	
3	Mauina Galiya Aitymovna	Candidate of Economics.	Associate Professor of the Department of Accounting and Finance	KATIU named after S. Seifullin	
4	Spanova Zulfira Kinayatovna		Head of the HR Department of the Department of Human Resources of the City of Astana		
5.	.Yesilbaeva Aruzhan Zhaslanovna		Student, 4th year student of OP 6B04102 "Financial Analytics"	KATIU named after S. Seifullin	

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 8D04104 «Financial innovations in business»

Reviewed:

at the meeting of the Department of Accounting and Finance, minutes No. 8 dated 01.03 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

Content

№	Component Name	Page
1	Normative references	5
2.	Passport of the educational program	6
3.	General characteristics of the educational program	8
4.	Competency model (portrait) of the graduate	9
5.	Base professional practice	11
6.	Structure of the educational program	12
7.	The relationship between the achievability of the formed learning outcomes according to the educational program and academic disciplines	13

1. Normative references

The following normative legal acts are referenced in the development of the OP:

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 obligatory standards of higher and postgraduate education” approved by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan from July 20, 2022 № 2 (hereinafter - GOSO);
5. “Rules of organization of 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 from April 20, 2011 № 152;
6. “Model 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 from October 30, 2018 № 595;
7. “Qualification requirements for the educational activities of organizations providing higher and (or) postgraduate education and the 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 from March 20, 2015 № 137 “On approval of the requirements for educational organizations to provide distance learning and rules for the organization of educational process on distance learning and in the form of online learning on educational programs of higher and (or) postgraduate education”;
9. Guidelines for the use of the European Credit Transfer and Accumulation System (ECTS);
10. Standards and guidelines for quality assurance of higher education in the European Higher Education Area (ESG);
11. Guidelines for the development of educational programs of higher and postgraduate education, Annex 1 to the order of the Director of the National Center for Higher Education Development of MNVO RK from 4.05.2023 № 601 n/k;
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 in the register of educational programs and exclusion from it”, approved by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan from October 12, 2022 № 106.

2. Passport of the educational program

2.1 The purpose of the educational program

The purpose of the educational program is to prepare highly qualified, competitive in the international labor market specialists, capable of self-development, social adaptation, with knowledge of financial innovation in business.

The main objectives of the educational program for the preparation of doctoral students are:

- the choice of doctoral students of the individual trajectory of education in modern areas of the economy;
- deepening of theoretical and practical training in the chosen direction of science and pedagogical activity;
- development of the ability to self-improvement and self-development, the needs and skills of independent creative mastering new knowledge throughout their active life activities;
- training of specialists with a high level of professional culture, including a culture of professional communication, with a civil position, able to formulate and solve modern scientific and practical problems;
- teaching in universities, research and management activities;
- obtaining the necessary minimum knowledge in the field of university pedagogy and psychology, as well as teaching experience in high school.

List of professional standards (PS) and industry qualification frameworks (IQF) corresponding to the professional activities of graduates who have completed the educational program

N п/п	Name of the ORK, PS, approval date	Key occupations and professions
1	ORK "Financial and economic sphere of activity: accounting, audit and taxation" protocol No. 4 dated November 8, 2024 (ORK level 8)	Financial Director
2	PS "Financial Management" order No. 1340 dated December 29, 2023 (Level 8 of the ORK)	Financial Director (other possible job titles: Director of Economics; Chief Auditor; Financial Analyst; Financial Director).
3	PS "Professional Standard: for Teachers (Faculty) of Higher and/or Postgraduate Education Institutions" order dated November 20, 2023 (Level 8 of the ORC)	Lecturer, Assistant Professor in Education, OVPO;

2.2 Expected result of the educational program:

According to the professional standard "Financial Management," the job functions of the profession include:

Mandatory job functions (MLF):

1. Training.
2. Conducting scientific research.
3. Carrying out scientific and methodological work.

In accordance with the professional standard "Professional Standard: for Teachers (Faculty) of Higher and/or Postgraduate Education Institutions," the job functions of this profession include:

Mandatory job functions (MLF):

1. Teacher, assistant professor in the field of education, higher professional education.

ON1 To master the skills of independent organization of research, problem statement, critical analysis. Possess financial and investment analysis tools at the level of financial model research and calculation of key investment indicators.

ON2 Own methods, methods of analysis, development and implementation of a program for predicting performance indicators of an enterprise, industry, region and the economy as a whole.

ON3 Possess the skills of collecting and processing information contained in various domestic and foreign sources necessary for the construction of analysis of micro- and macroeconomic models.

ON4 To use economic knowledge in the educational process, in scientific discussions, editing, reviewing scientific papers.

ON5 Apply modern methods and methods of teaching economic disciplines in higher education institutions.

ON6 Possess methodology and methodology for conducting scientific research in the financial sector.

ON7 Analyze financial risks using modern tools.

3 . General characteristics of the educational program

The educational program "Financial Innovations in Business" was developed in accordance with the National Qualifications Framework and professional standards, agreed with the Dublin descriptors and the European Qualifications Framework.

The main advantages of JSC "KATU them. S.Seifullin "before competing universities are: specialized focus of training; highly qualified personnel, including well-known scientists in the field of economic sciences; prompt response to the demands of the labor market, specific employers; affordable tuition fees; Financial independence; introduction of distance learning technologies; favorable image of the University.

In order to improve the quality of education and fulfill the requirements of the modular educational program, well-known scientists and practitioners with experience in the field of finance and banking are invited. For the organization of research work and the creation of appropriate conditions for students in the areas of training doctoral students, there is a Consultation Center on financial issues.

The relevance of educational programs is confirmed by the fact that reviews and reviews of updated modular educational programs, educational and methodological complexes in the doctoral disciplines by the following employers are reviewed:

- 1) Sarsenbayev B.A. - Managing Director of the VIP center of JSC "Zhusan Bank", Master of Economics and Business;
- 2) Nyrseyit T.A. - Chief Manager of JSC "Agrocredit Corporation".
- 3) Head of the Department of Organizational Work of the DGD of the Saryarka District of Astana - Yergaliyev D .;
- 4) The head of the planning and economic department of JSC "Astana Kurylys Materialdary" Schestakova TA

The place of the program in the national rating of the IAAR (independent accreditation and rating agency) - 1

4. Competency model (portrait) graduate

4.1 Professional activities

- financial and cash flow management, as well as financial control in commercial organizations, including financial and credit, non-profit organizations, state and local government bodies, non-governmental and public organizations;
- study of financial, monetary, credit markets in academic and departmental research institutions, non-state research funds and organizations, consulting and investment companies;
- pedagogical activity in institutions of higher, postgraduate and additional professional education.

4.2 Types of professional activity

- research; production and management; expert and analytical; experimental research; scientific
- pedagogical; economic and organizational; organizational and technological; financial and economic; auditing; business planning.

4.3 General educational competencies:

- to own and know the language, traditions, customs and culture of the titular nation of Kazakhstan;
- have an idea of the actual methodological and philosophical problems of economic sciences;
- to discuss social and economic problems in various languages and to conduct interpersonal conversation;
- the ability to understand and analyze ideological, socially and personally significant philosophical problems;
- have an idea of the professional competence of a higher school teacher;
- know the principles and structure of the organization of scientific activity;
- know the psychology of students' cognitive activity in the learning process;
- be able to apply the knowledge of pedagogy and psychology of higher education in their educational activities;
- Know the psychological methods and means of improving the effectiveness and quality of training.

4.4 Basic Competences

- to know the general idea of science and scientific thinking;
- know the trends of social development of society;
- be able to adequately navigate in various social situations;
- ability to navigate in the main stages and processes of 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;
- possess the basics of economic knowledge, have a scientific understanding of 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:

- preparation of accurate financial statements, as well as the formation of skills for its analysis;
- know the basic methods and methods of algorithmization and programming of financial and economic problems and problems;
- ability to manage economic processes in a crisis;
- possess methods and methods of theoretical regulation of the economy;
- describe the nature and characteristics of the securities market as an important component of the state macroeconomic regulation system;
- be able to critically analyze existing concepts, theories and approaches to the analysis of processes and phenomena;
- the ability to apply methods and methodologies for the study of the theory of finance;
- the ability to identify the main problems and issues of economic management of the country;
- knowledge of the methodological foundations of the crisis management of the company, the organizational and legal foundations of bankruptcy;
- the ability to apply solutions for the effective allocation of financial resources of the investor;
- knowledge of the legislation of Kazakhstan, IFRS and ISA;
- the ability to apply decisions in the selection of personnel and in working with him;
- possession of the main methods of rapid analysis that affect the financial condition of organizations;
- possession of the theory and practice of financial relations of corporations in a market economy, especially the organization of finance of enterprises of various forms of ownership and management;
- the ability to summarize best practices in the management of the banking product and its promotion at the present stage;
- to acquire knowledge in the field of fundamentals of the functioning of the state budget: as a category, as the main financial plan of the country;
- know the basic methods and methodology of regulation of money circulation in the economy;
- possession of skills and methods of budgeting firms.

5. Base professional practice

The educational program of scientific and pedagogical doctoral studies includes two types of practices:

- 1) pedagogical - in the organization of education;
- 2) research - at the place of the dissertation.

Pedagogical practice is carried out in order to form practical skills and methods of teaching financial disciplines in higher education. The student must participate in the educational process of the graduating department and conduct a necessary cycle of lectures and practical exercises under the supervision of teachers.

The research practice of the doctoral candidate is carried out in order to familiarize with the latest theoretical, methodological and technological achievements of domestic and foreign science, with modern methods of scientific research, processing and interpretation of experimental data.

After completing the internship, the doctoral candidate must master the following skills:

1. Formulate and solve modern scientific and practical problems, plan and conduct research activities in a chosen scientific specialty, teach in universities, successfully carry out research and management activities;
2. To analyze the activities of the organization and institutions of various forms of ownership, to make a scientifically based choice of the necessary methods of economic analysis and control;
3. On the basis of system analysis, build and use models to describe and predict processes, phenomena, situations, while carrying out their qualitative and quantitative analysis and synthesis;

The main bases of practice are: second-tier banks, state revenue management, Agrarian Credit Corporation JSC (Astana), Kazakh Scientific Research Institute of Agricultural and Agricultural Development and Rural Development.

6. Structure of the educational program

№	The name of the cycles of disciplines and activities	Total complexity	
		in academic hours	in academic credits
1	2	3	4
1.	Educational component	1350	45
1.1	The cycle of basic disciplines (BD)	750	25
1)	University Component	300	10
	Academic writing	150	5
	Methods of scientific researches	150	5
2)	Component of choice- Trends and factors of financial sector development / Islamic financial instruments	150	5
3)	Pedagogical training	300	10
1.2	Cycle of profile disciplines (PD)	600	20
1)	University component	300	10
	Financial policy of the company	150	5
	Finance of the multinational companies	150	5
2)	Research practice	300	10
2	PhD student's research work	3690	123
1)	PhD student's research work, incl. doctoral thesis	3690	123
3	Additional types of training	-	-
4	Final examination	360	12
1)	Writing and defending a doctoral dissertation	360	12
	Total	5400	180

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

№	Name of the discipline	Brief description of the discipline (30-50 words)	Number of credits	Generated learning outcomes						
				PO1	PO2	PO3	PO4	PO5	PO6	PO7
The cycle of basic disciplines (BD)										
University Component										
1	Academic writing	The course is aimed at mastering the concepts of academic writing by doctoral students. Doctoral students will develop the skills and abilities of writing an academic, scientific text, various written scientific discourses, the ability to analyze and evaluate written works of various levels, be able to work with authentic sources, as well as justify their own point of view	5	V				V		V
2	Methods of scientific researches	He studies the methods of posing a scientific problem based on the discovery of contradictions between currently available knowledge about the object of study and the knowledge necessary for the practical solution of a problem demanded by society. Forms the skills of choosing a topic and scientific substantiation of its relevance for practical application, organizing and conducting research work, formalizing scientific results	5	V	V			V	V	
Component of choice										
3	Trends and factors of financial sector development	The discipline studies the features of the functioning and development of the financial market, mechanisms for regulating and developing the financial market, approaches and methods of regulating the financial market taking into account international standards, applies practical skills to analyze the activities of financial intermediaries, formulates practical skills to identify the main problems of financial market development.	5		V	V		V		

	Islamic financial instruments	The discipline studies the types and forms of Islamic financial instruments. Islamic banking. Purchase and sale operations (Murabaha). Leasing (Ijara). Financing of production (Truth). Contractual partnership (Shirkat-il-aqid). The main financial instrument (Sukuk). Islamic Insurance (Vocal model for Takaful, Mudaraba model for Takaful).								
4	Pedagogical training	Legal and normative bases of functioning of the higher education system. Modern approaches to modeling of scientific and pedagogical activity. The order of organization of planning, conducting and ensuring the educational process using the latest learning technologies. Basic principles, methods and forms of organization of scientific and pedagogical process in higher education institution. Basic requirements for theoretical, practical and methodological readiness of a teacher of higher education institution.	10	V					V	V

Cycle of profile disciplines (PD)

University Component

5	Financial policy of the company	The discipline studies the methods of managerial and financial analysis, methods of financial planning necessary for the development of the financial policy of the enterprise. Methods of providing financial resources for the company's activities, the degree of availability and rationality of sources of financing for the company's activities, criteria and indicators of the optimal use of financial resources of the enterprise, methods of operational regulation of the company's activities, methods of risk assessment.	5		V	V	V	V		
6	Finance of the multinational companies	Discipline studies the theoretical foundations and stages of development of modern transnational corporations (TNCs). Studies the legal basis of the formation and patterns of functioning of TNCs in Kazakhstan. Particular attention is paid to the movement of financial flows from operating, financial and investment activities.	5		V	V	V	V		
7	Research practice	Doctoral research practice is aimed at preparing doctoral students for independent research activities, practical	10	V	V	V	V	V		

		participation in the research work of the team. The purpose of research practice is to study the latest theoretical, methodological and technological achievements of domestic and foreign science, as well as to consolidate practical skills of applying modern methods of scientific research, processing and interpretation of experimental data in dissertation research.								
8	PhD student's research work, incl. doctoral thesis	Planning of research and development. Work with bibliographic references, with electronic databases, with empirical base of research in accordance with the selected topic of the thesis. Participation in the research work of the department, scientific projects, scientific conferences. Preparation and publication of scientific articles. Participation in the development of project documents and other provisions related to the subject area of scientific research. Scientific internship. Execution and defense of the doctoral dissertation.	123	V	V	V	V	V	V	