Ministry of Agriculture of the Republic of Kazakhstan

Kazakh Agrotechnical Research University named after S. Seifullin

APPROVING IT
Chairman of the Board-Rector
NAO" Kazakh Agrotechnical
Research University
named after S.Seifullin"
_____________Tireuov M.K.
Protocol № 18 "24" 04 2025

EDUCATIONAL PROGRAM

6B04102 " Financial analytics "
(name of the program)

Education Area code and Classification: 6B04 Business, Management and Law

Code and classification of training areas: 6B 041 Business and Management

Code in the International Standard Classification of Education: 0410

Degree awarded: Bachelor of Business and Management in the educational program 6B04102- "Financial Analytics"

Astana 2025

Academic Committee:

Full	name	AcademicI'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	«САРЫАРКА АУДАНЫ БОЙЫНША МЕМЛЕКЕТТІК КІРІСТЕР БАСҚАРМАСЫ» РММ

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 6B04102 -"Financial analytics":

Reviewed:

at the meeting of the Department of Accounting and Finance, minutes No. 8 dated 03.03 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

1. Normative references

References to the following regulatory legal acts are used in the development of the OP:

1. Constitution of the Republic of Kazakhstan;
2. The Labor Code of the Republic of Kazakhstan;
3. The Law of the Republic of Kazakhstan "On Education";
4. "State mandatory standards of higher and postgraduate education", approved by Order No. 2 of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 (hereinafter referred to as the State Educational Standard);
5. "Rules of organization of the educational process on credit technology of training in organizations of higher and postgraduate education", approved by Order No. 152 of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011;
6. "Standard rules for the organization of higher and postgraduate education", approved by Order No. 595 of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018;
7. "Qualification requirements for educational activities of organizations providing higher and (or) postgraduate education, and a list of documents confirming compliance with them", approved by Order No. 4 of the Minister of Science and Higher Education of the Republic of Kazakhstan dated January 5, 2024;
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 to provide distance learning and the rules for organizing the educational process for distance learning and in the form of online training in 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, Appendix 1 to the order of the Director of the National Center for Higher Education Development of the Ministry of Internal Affairs of the Republic of Kazakhstan No. 601 n/k 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 in the register of educational programs and exclusion from it", approved by Order No. 106 of the Minister of Science and Higher Education of the Republic of Kazakhstan dated October 12, 2022;
13. ORC "Financial and Economic sphere of activity: accounting, Audit and taxation", approved by the Protocol of the Industry Council for Professional Qualifications in the field of accounting and Financial reporting dated November 8, 2024, No. 4.
14. PS "Financial Manager", approved by Order No. 263 of the Deputy Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" dated 26.12.2019
15. PS "Financing of an innovative project", approved by Order No. 259 of the Deputy Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" dated 24.12.2019

2 Passport of the educational program

2.1 Objectives ofь the educational program:

The purpose of the Financial Analytics educational program is to train highly qualified bachelors of business and management with knowledge and competencies in the field of theory, practice and analysis of business processes in the financial and banking system.

The objectives of the Financial Analytics educational program are:

- providing knowledge in the field of studying the theoretical and practical foundations of the functioning of the financial and credit system, financial management, and the financial market in Kazakhstan for successful competition in the labor market and subsequent training in the master's program;
- providing them with practical skills that will allow them to adapt to changing technologies throughout their professional career.

The educational program"Financial Analytics" is a new generation program and is designed to meet the needs of the labor market on the basis of the State Mandatory Standard of Higher Education of the Republic of Kazakhstan, in accordance with the National Qualifications Framework, with Dublin Descriptors and the European Qualifications Framework. When developing the educational program, the requirements of the PS "*Financial Management" and"Financing of an innovative project" are taken into account*

List of professional standards (PS) and industry-specific qualifications frameworks (ORCS) that correspond to the professional activities of graduates who have mastered the following skills: educational program

N/	a Name of the ORC, PS, date of approval	Key types of occupations and professions
1	ORC "Financial and economic activities" (08.11.2024)	Financial analyst Consultant on taxes and fees Compliance specialist Auditors Consultants on financial issues and investments Accountant
2	PS "Financial Management" (26.12.2019)	Assistant to the financial manager Financial Manager
3	PS "Financing of an innovative project"	Financial support specialist

2.2.1 Learning outcomes

In accordance with the professional standard" *Financial Management*", labor functions of the profession include:

Profession 1. Financial Manager

Mandatory labor functions (OTF):

OTF 1. Ensuring timely execution of financial transactions;

OTF 2. Managing the firm's assets;

OTF 3. Participation in the analysis, accounting and control of business results;

In accordance with the professional standard *"Financing an innovative project"*, the labor functions of the profession include:

Profession 2. Financial Security Specialist

Additional labor functions (DTF)

DTF 1: Pre-project investment analysis.

DTF 2: Development and financial support of an organization's investment activity.

Comparison of the generated learning outcomes with the labor functions provided for by the professional standard and "Financial Management", "Financing of an innovative project":

	The generated learning outcomes	Reflect the labor function
of	PO1 To communicate information, ideas, problems and solutions to both specialists and non-specialists in the state, Russian and foreign languages at a professional level.	OTF1
PO2	has knowledge of key patterns of Kazakhstan's development and the Sustainable Development Goals; understands the importance of health and environmental friendliness in the technosphere. Critically assesses socio-political and economic processes, and expresses a reasoned opinion. Applies knowledge for socialization in an inclusive society, methods and techniques of artificial intelligence, demonstrates legal self-awareness, financial literacy, anti-corruption attitudes and academic integrity.	OTF1, OTF2, OTF 3, DTF2
PO3	Possess the training skills necessary for independent continuation of further training in the field under study.	OTF3
PO4	Possess knowledge in the field of economic science.	OTF1, OTF2, OTF 3, DTF2
PO5	Apply knowledge to understand doing business at a professional level.	OTF3, DTF1
PO6	Formulate arguments and solve problems in the field of finance.	OTF1, OTF 2, OTF 3
ROand 7	Improve the financial and economic activities of economic entities.	OTF1
RO8	Have analytical skills in the field of finance.	

3General characteristics of the educational program

The university program "Financial Analytics" systematizes students ' knowledge and practical skills in fundamental bachelor's training, aimed at in-depth study of economic disciplines and the formation of advanced knowledge for the production and higher education system.

The main advantages ofAO «КАТИУ им. S. Seifullin National Research University over competing universities are:

1. specialized focus of personnel training;
2. highly qualified personnel, including well-known scientists in the field of economic sciences;
3. prompt response to requests from the labor market and specific employers;
4. affordable tuition fees; financial independence;
5. introduction of distance learning technologies; favorable image of the University.

In order to improve the quality of training and meet the requirements of the modular educational program, well-known scientists and practitioners with experience in the field of finance and banking are invited. To organize research work and create appropriate conditions for students in master's degree programs, there is a Financial Advisory Center.

The relevance of the educational program is confirmed by the fact that employersoftheoй educational programы "6B041-Financial Analytics"reviewed and reviewed the updated modular educational programs, educational and methodological complexes for bachelor's degree subjects by the following employers:

4 Competence model (portrait) the graduate

4.1Terms of professional activity

Graduates of this specialty carry out professional, analytical and consulting activities in state bodies of various levels; financial companies, investment funds, economic services of enterprises and organizations of all forms of ownership, in positions requiring higher economic education, according to the qualification directory of positions of managers, specialists and other employees approved by the decree of the Minister of Labor and Social Protection of the Population of the Republic Kazakhstan No. 201-P-M from 21.05.20.05.2012g.

4.2Types of professional activity

Bachelors can carry out their professional activities in the following types of economic activity according to the OKED:

• 64.11.0 Activities of the central bank
• 64.19.1 Activities of banks, bill offices
• 64.19.9 Monetary intermediation of other financial institutions
• 64.30.0 Trusts, foundations and other similar financial objects
• 64.91.0 Financial leasing
• 64.92.1 Activities of pawnshops
• 64.99.0 Other types of financial services, except for services of insurance and pension funds, not included in other groupings
• 65.11.1 State-owned enterprises life insurance
• 65.11.2 Non-state life insurance
• 65.12.1 State damage insurance
• 65.12.2 Non-State damage insurance
• 65.30.1 State pension provision
• 66.11.0 Financial market management
• 66.12.0 Brokerage services under securities and commodities contracts
• 66.22.0 Activities of insurance agents and brokers

4.3 General education competencies

General education requirement:

- possess basic knowledge in the field of natural science (social, humanitarian, economic) disciplines that contribute to the formation of a highly educated person with a broad outlook and a culture of thinking;

- have skills in handling modern equipment, be able to use information technologies in the field of professional activity;

- possess the skills to acquire new knowledge necessary for daily professional activities and continuing education in the master's program.

Instrumental skills

- working with a computer
- written and oral communication in the native language
- knowledge of a foreign language, etc.

Social and personal, general cultural issues:

- Demonstrate universal norms of behavior and professional ethics.
- Understand the importance of ecological culture, the desire to preserve the environment.
- Promote a healthy lifestyle.

4.4 Basic competencies

Demonstrate knowledge of:

- about the processes and phenomena occurring in the national economy and in the organization of financial, banking, insurance and investment technologies
- on the basics of legal support for the economy and international relations;
- about scientific methods of knowledge in practice and the main problems in the field of managing the financial and credit system.

Be able to:

- economically justify management decisions;
- compare and find differences between foreign experience and domestic conditions of the financial system;
- navigate в тенденцияхmarket trends for the sustainability of the financial system and financial sector.

Have the following skills:

- computer methods of collecting, storing and processing information;
- mathematical methods and modeling of financial processes;
- information and computer technologies in the financial system.

4.5Professional competencies

Demonstrate knowledge of:

–in the organization of finance and financial and credit instruments;
–in the field of financial and banking legislation;
–on management methods, rules and procedures of business organization;
–in generalizing and adapting international experience to the conditions of the modern financial system of Kazakhstan

Be able to:

- apply the methods of financial and economic analysis in practice;
- analyze financial statements;
- assess the risks of financial and investment decisions;
- develop investment projects and evaluate them when investing and financing;

Demonstrate the following skills:

– quantitative analysis and financial forecasting;
–drawing up business and development plans;
–по preparation of financial market participants ' reports;
–on drawing up the balance of payments
– accounting for the risk of major financial market instruments;

5 Professional internship database(specify all types of internships)

Образовательная программаThe bachelor's degree program includes two types of practical training:

1) training program
2) professional

Academic practice - 1 credit. The purpose of the internship is to familiarize students with the principles of organization and operation of the facility, financing and taxation, as well as the formation of practical skills in working on personal computers and with application software.

Places of practice: Kazakh Agrotechnical Research University named after S. Seifullin.

Professional practice -12 credits. The aim of the internship is to gain experience in planning and rationing, financing and taxation, as well as in analyzing the financial condition of commercial organizations. Places and bases of practice are: commercial banks, business entities of various organizational and legal forms, state bodies at the republican and territorial levels, tax committees, insurance companies, pension funds.

6 Structure of the educational program

	Name of cycles and disciplines	General labor		intens ity Cours e	Semester
		in akadem. loans	in akadem. hours		
1	2	3	4		
1)	**Cycle of general education subjects**	**59**	**1770**		
1	**Mandatory component**	**56**	**1680**		
	Physical culture.	8	240	1/2	1/2/3/4
	Economics, law and Innovative entrepreneurship	5	150	1	1
	Kazakh (Russian) language	10	300	1	1/2
	Foreign language	10	300	1	1/2
	Cultural studies and psychology	4	120	1	1
	Information and Communication technologies	5	150	1	2
	Philosophy	5	150	2	3
	Political Science and Sociology	4	120	1	2
	History of Kazakhstan	5	150	1	2
	Optional component	**3**	**90**		
	Fundamentals of Artificial Intelligence / Ecology and Life safety and SDGs / Fundamentals of Anti-corruption Culture	3	90	2	2
2	**Cycle of Basic disciplines (DB)**	**107**	**3210**		
1	**University component**	**69**	**2070**		
	Mathematics in Economics	5	150	1	1
	Statistics	6	180	2	3
	Economic Theory	5	150	1	1
	Microeconomics	3	90	1	2
	Macroeconomics	6	180	3	6
	Marketing	5	150	2	3
	Management	5	150	2	4
	Enterprise Economics	5	150	3	5
	Finance	5	150	2	4
	Money, Credit, Banks	5	150	2	4
	Taxes and taxation	5	150	3	5
	Insurance	4	120	2	4
	Public finance and budget	5	150	3	5

	Fundamentals of accounting	5	150	2	4
	Optional component	**38**	**1140**		
	Моделирование Business process modeling/Econometrical for business solutions	5	150	3	5
	Business law / Professional Kazakh (Russian) language	4	120	2	3
	Professional-oriented Foreign language/English for Special purposes	4	120	2	4
	Business Communications/Strategy and Tactics of business negotiations	5	150	2	3
	Management Accounting/Accounting in agriculture	5	150	3	5
	Introduction to IFRS/ Tax Accounting	5	150	4	7
	Securities Market/Stock Exchanges and Exchange business	5	150	3	6
	Economic Analysis/ Business process analysis	5	150	3	6
3)	**Cycle of profile disciplines (PD)**	**53**	**1590**		
1	**University component**	**43**	**1290**		
	Innovative technologies in banks	3	90	3	6
	Banking	5	150	3	6
	Financing and lending investments	5	150	4	7
	Credit	managemen t 5	150	4	7
	Financial planning and modeling	5	150	3	6
	Fundamentals of scientific research in the financial sphere	5	150	4	7
	Corporate Finance	5	150	3	5
	Financial Management	5	150	4	7
	Tax Management	5	150	4	8
2	**Optional component**	**10**	**300**		
	Company Financial Analysis/Company Financial Recovery	5	150	4	8
	Financial risk management/ Acacia analysis and business valuation	5	150	4	7
	Training practice	1	30	2	4
	Professional practice	**12**	**360**	4	2
	Total DB and PD	**160**	**4800**		
4)	**Additional types of training in the Far Eastern**				
Fede ral	**Final certification**	**8**	**240**	**4**	**2**

District 5)					
1)	Writing and defending a thesis (project) or preparing and passing a comprehensive exam	8	240	4	2
	total	232	6960		
	Total	240	7200		

Relationship between the achievability of the generated learning outcomes in the educational program and academic disciplines

(MCCa of the influence of disciplines on the formation of learning outcomes)

№	Name of the discipline	Brief description of the discipline (30-50swords)	Cycle	Component	Number of credits	Generated learning							
						outcomes	RO 1	RO2	RO3	RO4 RO5	RO6	RO7	RO8
1	Economics, Law and innovative entrepreneurship	The discipline is aimed at developing students ' comprehensive understanding of the basics of economics, law, and doing business, taking into account legal and financial factors. The course covers modern approaches to business organization and management, the legal basis of entrepreneurship, as well as financial instruments necessary for the sustainable development of enterprises.	OOD	VK	5								
2	Public Finances and budget	The discipline examines the functioning of public finances, issues of the budget system: principles of construction, budget structure and process, revenues and expenditures of budgets of all levels, budget planning, characteristics of extra-budgetary funds and their role in solving socio-economic problems. The discipline also studies regulatory legal acts of executive authorities in the field of public finance and budget.	DB	VK	5	V		V			V	V	
3	Money, credit, Banks	Study of the course "Money, credit, Banks" students will master the theoretical aspects of money and credit, learn the basics of the functioning of the monetary and credit system, international credit and settlement and currency relations, as well as the features of the securities market. They will be able to research and compare the monetary system, credit system, and banking systems of different countries; identify trends in the monetary, banking, and credit systems.	DB	VK	5	V					V		
4	Macroeconomics	The discipline forms knowledge about the macroeconomic subject and methodology, the regularities of the functioning of the economic system as a whole, key problems of the modern national economy, problems of economic inequality and equality, economic growth and	DB	VK	6	V	V	V					

		development, the balance of payments, various macroeconomic models of the commodity and money markets, and their interrelations.											
5	Marketing	The discipline is aimed at studying the theoretical foundations of marketing, as well as mastering practical skills in applying elements and principles of marketing in the activities of organizations. Studying the course allows students to develop and implement marketing strategies and programs; form product, price, sales and communication policies of the enterprise, manage the process of determining and creating consumer value.	DB	VK	5	V	V		V		V	V	
6	Mathematics in economics	The course is aimed at students 'mastering the mathematical apparatus that helps to model, analyze and solve economic problems; students' mastering mathematical methods that make it possible to study and predict processes and phenomena in the field of public administration of socio-economic processes; to form the skills of independent research, to develop the desire for scientific search for ways to improve your work.	DATABASE	VK database	5	V	V	V			V		V
7	Management	The course examines the system of scientific knowledge that forms the theoretical and practical foundations of modern management, provides management practice with scientific recommendations, and develops managerial skills.	DB	VK	5	V				V	V		
8	Microeconomics	The course forms a holistic view of the basic principles of behavior of economic agents and methods of microeconomic analysis, analyzes the reasons for the behavior of economic agents, evaluates the optimal decisions of economic agents in various markets.	DB	VK	3	V	V	V	V	V			V
9	Taxes and Taxation	The course provides for studying the theoretical aspects of taxes and taxation, studying the structure of the tax system. Economic content of taxes, their functions and principles, stages of formation and development of the tax system of the Republic of Kazakhstan, basic concepts and main tax reforms in the country.	DB	VK	3	V	V				V		

10	Fundamentals of accounting	The course is aimed at developing students ' fundamental knowledge on primary registration and generalization of information on the state of property, liabilities and capital of an enterprise, reflection of business operations on accounting accounts, a holistic view of the organization of accounting in accordance with international standards (IFRS) with application in the preparation of financial statements on the example of specific The	DATABASE	vk	5		V		V	V			
11	Statistics	course is aimed at developing scientific knowledge about methods of collecting and analyzing statistical data that characterize socio-economic processes at various levels. As a result of mastering the discipline, students will be able to: analyze statistical information, study the system of indicators, the development of economic and social phenomena and processes of public life, form the sum of knowledge, skills and abilities to work with statistical data.	DB	VK	6	V		V			V		
12	Insurance	The economic essence of insurance activity. Development of insurance in the Republic of Kazakhstan. General and personal insurance. Features of compulsory health insurance. Insurance risks and management. Insurance of property, civil liability, and business risks. Insurance of audit activities, animal husbandry, crop production, ecology in tourism, deposits and deposits. Activities of the UAPF,SFS, and FSSF. Reinsurance . Control, supervision, and regulation of insurance activities in the Republic of Kazakhstan.	DB	VK	6	V	V		V	V	V		
13	Finance	The course demonstrates knowledge about the functioning of certain fundamental elements of the country's financial system: monetary, banking, credit, currency, as well as their interrelationships. Studies methods of planning budgets and monitoring their execution at various levels.	DB	VK	5					V			V
14	Enterprise economics	The discipline considers the enterprise as an independent entity, the principles of its functioning, resources and costs, the basics of planning and strategy development. Students master the system of indicators of production	DB	VK	3	V	V		V		V		

		efficiency, level of competitiveness and resource requirements.											
15	Economic Theory	The discipline allows students to master a wide range of problems studied by economic theory, shows the stages of its formation, the development of the subject, methodology and research tools, as well as fundamental knowledge of the concepts and categories of modern economic theory.	DB	VK	5	V	V						
16	Business process analysis	Definition of business processes. Elements of the business process. Classification of business processes. Stages and methods of modeling business processes. The organization's business process system. Building a system of analytical indicators for managing business processes. Current and regulatory models of the business process. Cost and cost models of the business process. Analysis of simulation results. Analysis of results modeling of time characteristics of the process and resource parameters. Risk analysis of the process. Main types of business process optimization projects. Modeling of business processes of production and sales. Methods of making and correcting economic decisions in conditions of uncertainty.	DB	KV	5		V	V			V		
17	English for special purposes	The discipline is aimed at studying general scientific terminology and terminology for the language of the corresponding specialty in English, forms skills for types of communication activities: reading with a full understanding of authentic texts in the specialty, the ability to write an essay on the problem of the training area.	DB	KV	4	V						V	
18	Accounting in agricultureagriculture	Features of accounting in agriculture : IAS 41 "Agriculture". Features of accounting for biological assets. Accounting for seeds, feed, and other materials. Accounting of animals raised and fattened. Accounting of agricultural products and their sale. Calculation of the cost of crop and livestock production. Preparation of financial statements and formation of financial results in agriculture.	DB	KV	5	V					V		

19	Introduction to International Financial Reporting Standards (IFRS)	History of the origin and implementation of IFRS. Structure of regulatory bodies in accordance with IFRS. Professional ethics of accountants. Standard adoption processes. International harmonization. Conceptual framework for the preparation of financial statements. Qualitative characteristics of useful financial information. Elements of financial statements: criteria for their recognition and measurement methods. Purpose and underlying assumptions of the financial statements. Components of financial statements.	DB	KV	5	V	V						
20	Business communications	The concept of communication and its role in management, organizational communications and its barriers. Types of communication networks. Performance in front of an audience. Psychology of business communication. Communicative culture in business communication. Forms of business communication. Managing the organization. Information security. Hidden aspects of communication. Conflict and ways to manage conflict.	DB	KV	5	V	V					V	
21	Modeling of business processes	Prerequisites for the formation of new approaches to the organization of enterprise activities. The concept of a business process. Process approach and process-oriented organization. Theoretical foundations of business process management. Basic approaches and standards to business process modeling. Business process modeling methodologies. Software tools for modeling business processes. Methods for describing various subject areas of an organization's activities. Methods of business process analysis. Controlling and monitoring processes.	DB	KV	5		V	V			V		
22	Tax accounting	The discipline examines the system of knowledge about the organization of the tax accounting system, the calculation of tax liabilities and the preparation of tax reports on taxes, and also determines the relationship and difference between tax and accounting.	DB	KV	5	V	V	V	V		V		V
23	Fundamentals of anti-corruption culture	The course forms a system of knowledge on combating corruption, develops on this basis a civil position in relation to this phenomenon. The discipline studies the	DB	KV	3	V	V						

		basics of legislation, normative legal acts, moral and legal norms.											
24	Fundamentals of artificial Intelligence	AI principles, history, ethics, text processing, computer vision, decision-making systems, logic, planning, as well as using platforms such as GPT, IBM Watson, Microsoft Azure AI, for data analysis and process automation.	DB	KV	3								
25	Business Law	The course is aimed at teaching students the theoretical foundations of business law and the principles of legal regulation of economic activity, the formation of a system of theoretical knowledge about the legal foundations of entrepreneurial activity, as well as the formation of practical skills in applying the acquired knowledge in the process of economic activity of business entities.	DB	KV	4		V		V	V			
26	Professionally-oriented foreign language	Forms the professional foreign language speech of future specialists to improve the level of professional competence, proficiency in a professional foreign language for the implementation of written and oral information exchange, and further development of speech activity. Rules of speech behavior in accordance with the situations of professional communication, depending on the style and nature of communication in the social and academic spheres.	DB	KV	4	V				V			
27	Professional Kazakh (Russian) language	Develops written and oral speech skills, observing all the norms of the Kazakh (Russian) professional literary language; knowledge about the semantic structural features of professional texts of various functional styles, communication skills and speech skills when reading professional texts in the specialty.	DB	KV	4	V				V			
28	Securities market	The discipline examines the main types of securities, pricing principles, methods of financial calculations to determine their profitability. The mechanism of functioning of the primary and secondary securities markets, the basics of portfolio investment, the structure of the securities market, the main types of professional activity and forms of its regulation, methods of financial analysis of securities and stock indices.	DB	KV	5		V		V		V		V

29	Strategy and tactics of business negotiations	"Strategy and tactics of business negotiations" contributes to the formation of students ' theoretical ideas, training in methods and tactics, practical skills of conducting business negotiations. Business negotiations: concept, classification, functions and features. Preparing for business negotiations. Negotiation strategy and tactics. Rules and styles of negotiation. Structure and final documents of the negotiation process. Etiquette of business communication	DB	KV	5	V	V		V	V			
30	Managerial accounting	The essence of managerial accounting. Cost management. Accounting for materials and labor costs. Accounting for production overheads. Custom calculation. Process-by-process calculation. Cost calculations with full cost allocation and variable costs. Cost-product volume-profit analysis.	DB	KV	5		V		V	V			V
31	Stock exchanges and stock exchange business	The discipline studies the modern structure of the stock market and the basics of stock exchange business. It covers the main approaches to the valuation of securities, as well as fundamental and technical analysis. Special emphasis is placed on the market of derivative financial instruments for speculation and hedging risks.	DB	KV	5		V		V		V		V
32	Ecology, fundamentals of life safety and SDGs	The discipline studies each other environmental science with other sciences, patterns of interaction of organisms and their habitat, laws of development and existence of biogeocenoses as complexes of interacting living and inanimate components in various parts of the biosphere, sustainable development goals, namely global problems of humanity and ways to solve them, issues of preserving human health and life in the technosphere, protection from man-made and natural hazards origin and creation of comfortable living conditions.	DB	KV	3		V	V					
33	Econometrics for business decisions	The place and role of econometrics for business decisions. Linear regression model preliminary data analysis. The least squares method. Statistical properties of the least squares method and linear regression model. Analysis of the significance of regressors, prediction of new values of the dependent variable. Violation of the main hypotheses	DB	KV	5	V					V	V	V

		of the linear regression model, verification of economic and managerial decisions using the linear regression model, asymptotic properties of the least squares method of estimates of the linear regression model.											
34	Economic analysis	Organization of economic analysis. Method and methodology of economic analysis. Analysis of the efficiency of using enterprise resources. Management analysis. Margin analysis. Financial analysis using AIS Audit Expert, Your financial analyst: basic formats of financial information analysis; financial stability analysis, capital structure indicators; solvency and creditworthiness analysis; cash flow analysis; profitability analysis; assessment of potential bankruptcy of enterprises.	D B 5	KV	5		V					V	V
35	Banking	Commercial banks and the main conditions of their activity. Formation and management of bank resources. Methods of forming and managing bank assets: their quality and structure. Organization of the payment system. Bank marketing. Regulation and supervision of banking activities in the Republic of Kazakhstan.	PD	VK	5				V		V		V
36	Innovative Technologies in Finance	The course examines key areas of financial technology development (FinTech), including digital, mobile payment systems, blockchain, cryptocurrencies, artificial intelligence, big data in finance, investment consulting automation, regulatory technologies (RegTech) and cybersecurity. The course develops students ' practical skills in analyzing and evaluating fintech solutions, understanding the mechanisms of digital transformation of financial institutions.	PD	VK	3		V		V		V		V
37	Corporate Finance	The discipline examines the methodology of organizing finances of shareholder value and the value of corporate stakeholders, as well as deepening the skills of practical application of modern financial management tools for corporations operating in efficient global financial and commodity markets.	PD	VK	5								
38	Credit business	Methodological foundations of lending. Classification of bank loans. Stages of the credit process. Credit policy of a commercial bank. Assessment of the borrower's	PD	VK	5		V				V		V

		creditworthiness. Risk management in the lending process. Credit monitoring. Regulation of credit activity in Kazakhstan.											
39	Tax management	Corporate tax management as a function of financial management. Information support of tax management: concept, composition, methods of formation. Documentation support for tax management. Planning of tax payments in the company's financial management system. Analysis of the company's tax burden. Evaluation of the effectiveness of management decisions made in the field of corporate tax management. Foreign experience in corporate tax management.	PD	VK	5				V		V	V	
40	Fundamentals of scientific research in the financial sphere	The course provides students with knowledge and skills in formulating a scientific problem and assessing the relevance of the topic, choosing the right object and subject of research, and clearly understanding the essence and limits of applicability of various methods of financial research. Techniques and procedures for analyzing, predicting, and evaluating the reliability of model-based forecasts are described.	PD	VK	5								
41	Financing and crediting of investments	The discipline studies the economic essence of investments and their structure, forms and methods of financing investment projects. The discipline is aimed at developing an understanding of investment strategies, assessing risks and choosing the best sources of financing. Teaches project analysis, decision-making under conditions of uncertainty, and develops competencies in capital and resource management.	PD	VK	5		V	V		V	V		V
42	Financial Planning and modeling	This discipline examines the content, meaning and tasks of financial planning. Theoretical foundations of financial planning at the enterprise. Methods of financial planning. Financial forecasting: goals, objectives, and methods. Types of financial planning. Planning of income and expenses at the enterprise. Types of financial plans. Organization's growth rate: factors that determine them, calculation methodology.	PD	VK	5	V	V	V	V	V		V	V

43	Financial management	Basic concepts of financial management. Risk and return. Risk and asset portfolio management. Effect of operational and financial leverage. Borrowing policy. Cost of capital. Theory of capital structure. Management of the dividend policy and production development policy. Forecasting the cash flow of an investment project. Optimization of the investment budget. Management of current assets and short-term liabilities.	PD	VK	5	V						V	V
44	Stock analysis and business valuation	The course examines the analysis and method of business valuation. The course covers such topics as: equity securities, company value; risk and return characteristics of equity securities; cost of capital and required return of investors; industry analysis of companies; concepts and basic tools for evaluating equity; basic approaches to business valuation.	PD	KV	5								
45	Financial risk management	Organization of financial risk management. Classification of financial risks. Management of investment, inflation, banking, fiscal, and security risks, and ways to minimize them. Net and speculative risks. Commercial, investment, currency, and liquidity risks. Qualitative and quantitative analysis of project risks. Inflationary risk. Bank risk management. Financial risk insurance. Hedging operations. Credit, deposit risk, and interest rate risk.	PD	KV	5								
46	Financial recovery of the company	To study the theoretical foundations of financial management in the field of bankruptcy and reorganization of the enterprise: To disclose the management of cash flows, working capital of the company, risks of the company in conditions of uncertainty. Get acquainted with intentional and false bankruptcy, external supervision, rehabilitation procedure, fundamentals of anti-crisis management and methods of ensuring financial stability, as well as the system of financial indicators in the analysis of potential bankruptcy.	PD	KV	5				V			V	V
47	Financial analysis of the company	Concept, subject, methods, objects and content of financial analysis. Analysis of assets and liabilities of the balance sheet. Analysis of balance sheet liquidity. Analysis of the company's solvency and creditworthiness. Assessment and analysis of indicators of financial stability of the enterprise. Analysis of business activity of the enterprise. Analysis of profitability indicators in market	PD	KV	5		V					V	V

		conditions. Analysis of margin income. Analysis of the probability of bankruptcy of an organization.											
48	Academic practice	Consolidation of knowledge in the disciplines of general professional and special training, formation of skills in using the scientific and methodological apparatus of these disciplines obtained during theoretical training, acquisition of practical professionally necessary skills of independent work in the most important areas of bachelor's activity in the training profile			1	V							V
49	Professional practice	Consolidation of theoretical knowledge in the mastering practical skills of working in organizations; collecting, summarizing and analyzing practical materials necessary for writing a thesis; acquiring experience in working in organizations and experience in practical research.			12	V		V			V		V
50	The State exam in the specialty	The State exam is the main part of the final state certification The State exam in a particular discipline determines the level of student assimilation of the material provided for in the curriculum, and covers all the content of this discipline, established by the relevant educational standard.								V			V
51	Writing and defending a thesis (project)	The thesis (project) is a mandatory element of the educational program and the result of scientific research, in which the student demonstrates what he has learned during the development of the educational program. Thesis defense the work (project) is included in the mandatory part of the final state certification.			8					V	V	V	V