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"17"_____02_____2025 y.

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CATALOG OF DISCIPLINES OF THE SELECTION COMPONENT

EDUCATIONAL PROGRAMS **6B04148 - Finance**

The level of education: **bachelor course** **Duration of study: 3 years** **Year of admission: 2025 y.**

Module	Cycle	Component	Name of the discipline	Total labor intensity		Term	Learning outcomes	A brief description of the discipline	Prerequisites	Post-requirements
				in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10	11
Module 1 - The module of economic and managerial competencies	GES	KV	Environmentally sustainable technologies	150	5	6	PO2	The discipline "Environmentally sustainable technologies" studies modern methods and innovative solutions aimed at minimizing the negative impact of human activities on the environment. The course examines the principles of sustainable development, energy-saving technologies, renewable energy sources, waste management strategies, and environmentally sound production processes.	Information and communication technologies, Sociology	Philosophy, Political Science
			Green economy and sustainable entrepreneurship				PO2	The discipline "Green Economy and Sustainable Entrepreneurship" is devoted to the study of environmentally oriented economic models and business strategies aimed at sustainable development. The course examines the concepts of the green economy, ESG	Business Mathematics 1 Cultural Studies	Quantitative methods in economics, Marketing tools in

								(Environmental, Social, Governance) approaches, circular economy, sustainable business models and their impact on global markets.		entrepreneurship
			Fundamentals of financial literacy				PO2	The discipline is aimed at developing the ability to make informed financial decisions, plan income and expenditures, assess risks and effectively manage their resources in a market economy. It studies the basic knowledge in the sphere of finance and rational management of monetary resources, the concepts of financial system, budget, banking products, crediting, savings, investments, insurance, taxation and protection against financial fraud are considered.	Sociology, Business Mathematics 2	Financial modeling and decision-making
			Digital inclusion				PO2	The discipline "Digital Inclusion" is devoted to the study of the principles of ensuring equal access to digital technologies and information for all social groups, including people with disabilities. The course examines barriers to digital inequality, strategies for overcoming them, technologies for adapting the digital environment, and government initiatives to develop an inclusive digital society.	Business Mathematics 1, Business Mathematics 2	Digital finance and applied statistics, Digital banking and innovations in banking
			Fundamentals of law and anti-corruption culture				PO1	The discipline outlines the fundamental concepts of law, the constitutional structure of the state power of the Republic of Kazakhstan, the rights and freedoms of citizens enshrined in the Constitution, the mechanism and protection of legitimate human interests in case of their violation. The discipline forms students' improvement of public and individual legal awareness and legal culture, as well as a system of knowledge and citizenship on combating corruption as an antisocial phenomenon.	Cultural studies, Corporate culture and Ethics	Political Science, Financial Law and Compliance
			Occupational safety and health				PO1	The discipline studies the direction of students' formation of knowledge and skills necessary to ensure safe working and living conditions. The legal and organizational foundations of occupational safety, methods of occupational risk assessment and management, means of individual and collective protection, emergency prevention, as well as measures to prevent injuries and occupational diseases are studied. Special attention is paid to the creation of a safe working environment, compliance with labor protection standards and requirements, as well as the formation of a safety culture in professional activities.	Corporate culture and ethics	Financial Law and Compliance

			Fundamentals of scientific research				PO2	The discipline introduces the basics of scientific activity, covering its goals, methods and forms, contributing to the formation of theoretical knowledge and practical skills necessary for the successful conduct of scientific research in a chosen professional field, as well as developing the ability to independently search, analyze and apply scientific information, which becomes an important basis for further research and professional activities	Corporate culture and ethics	Quantitative methods in Economics, Fundamentals of Project Management
Module 2-Professional module	BD	KV	Digital finance and applied statistics	210	7	7	PO5 PO11	The discipline is aimed at studying modern digital technologies and statistical methods used in the financial sector for data analysis, decision-making and risk management. The basics of digital transformation of financial services, the use of big data, automation of financial processes and financial technologies are considered.	Digital inclusion, Financial markets and digital investment instruments	Digital banking and innovation in banking
			Quantitative methods in economics				PO11 PO12	The discipline studies tools and methods for analyzing economic phenomena and processes using mathematical and statistical approaches, methods of modeling economic systems, assessing data, forecasting and making decisions based on quantitative data and analysis. During the training, Excel is used to analyze large volumes of data, interpret them, identify trends, dependencies and predict future events.	Digital inclusion, Financial markets and digital investment instruments	Digital banking and innovation in banking
			Taxes and taxation	180	6	3	PO7 PO8	The discipline contributes to the formation of theoretical knowledge and practical skills in the field of the tax system and tax administration. The basics of taxation, principles of building a tax system, types of taxes and fees, as well as mechanisms for their calculation, payment and control are considered.	Introduction to Finance, Macroeconomics	Business insurance Risk Management, Corporate Governance
			Tax consulting and audit				PO7 PO8	The study of the discipline is aimed at the formation of professional knowledge and practical skills in the field of tax analysis, consulting and conducting a tax audit. The study of the procedure for the application of tax legislation, methods of tax planning, assessment of tax risks and interaction with tax authorities is presented.	Introduction to Finance, Money, Credit, Banks	Management accounting
			Corporate governance	180	6	5	PO5 PO6	Corporate governance systems are being studied in order to ensure sustainable development, investment attractiveness and respect for the interests of all stakeholders. The key principles of corporate governance are considered, including separation of ownership and	Corporate culture and ethics, Business insurance risk management	Management accounting, Financial consulting and decision support tools

								management functions, transparency of corporate reporting and prevention of conflicts of interest.		
			Corporate finance				PO9 PO10	The discipline is aimed at developing students' key knowledge and skills in the field of financial management of a company. The principles of investment and financial decision-making, capital structure formation, profit and liquidity management, as well as business valuation are considered. Special attention is paid to risk analysis and strategic value management of the company.	Introduction to Finance, Microeconomics, Business Insurance Risk Management	International Corporate Finance
			Marketing analysis	150	5	8	PO11 PO12	The discipline is aimed at developing students' knowledge and skills necessary to analyze market information in order to justify managerial and financial decisions. The methods of collecting, processing and interpreting data about the market, consumers, competitors and the effectiveness of marketing strategies are considered. The key tools of marketing analytics are studied: analysis of consumer behavior, market segmentation, positioning, assessment of the competitive environment, sales and pricing analysis.	Digital finance and applied statistics, Financial risk management in the digital economy	Financial consulting and decision support tools
			Marketing tools in entrepreneurship				PO11 PO12	The discipline is aimed at studying practical marketing methods and tools used in small and medium-sized businesses to promote goods and services, build a customer base and increase the competitiveness of the enterprise. The key aspects of an entrepreneur's marketing activities are covered: target market analysis, selection of a positioning strategy, development of a marketing plan, digital marketing, pricing, branding and promotion.	Green economy and sustainable entrepreneurship, Digital finance and applied statistics	Financial consulting and decision support tools
			Financial law and compliance	150	5	9	PO7 PO8	The legal foundations of the functioning of the financial system, as well as the mechanisms of internal control and compliance with legal requirements (compliance) in financial organizations and companies are being studied. Legal norms regulating budgetary, tax, banking, currency, insurance and other financial and legal relations are considered.	Fundamentals of law and anti-corruption culture, Tax consulting and audit	Final certification

			Financial consulting and decision support tools				PO11 PO12	The discipline studies the methods of expert financial analysis and consulting, as well as the use of modern management decision support tools. Approaches to solving applied problems in the field of financial planning, investments, business assessment and risk management are considered. Special attention is paid to the use of digital technologies, modeling in Excel and specialized software to justify financial strategies.	Fundamentals of law and anti-corruption culture, Tax consulting and audit	Final certification
			Financial risk management in the digital economy				PO5 PO6	The discipline is aimed at studying the specifics of identification, assessment and management of financial risks in the context of the digital transformation of the economy and the development of new financial technologies. The key types of financial risks are considered, taking into account the peculiarities of the digital environment. Modern methods of quantitative and qualitative risk analysis, forecasting models and hedging tools adapted to the conditions of the digital economy are being studied.	Accounting and auditing, Taxes and taxation	Digital inclusion, Digital Banking and innovation in banking
Module 3-Module of economic and management competencies			Business Insurance risk Management	90	3	4	PO5 PO6	The discipline is aimed at studying the theoretical foundations and practical methods of identification, analysis and minimization of insurance risks arising in the activities of enterprises and organizations. The features of risk management using insurance instruments and insurance protection mechanisms are considered. The classification of insurance risks, methods of their assessment and quantitative analysis, principles of building insurance programs and the choice of optimal insurance products are studied.	Accounting and auditing, Taxes and taxation	Digital inclusion, Digital Banking and innovation in banking
			Financial modeling and decision-making	90	3	7	PO3 PO4	The discipline focuses on the development of practical skills in building financial models for the analysis and justification of management decisions. The methods of cash flow modeling, investment project evaluation, financial structure optimization and risk management are studied. The article discusses working with spreadsheets (Excel), sensitivity analysis tools, scenario planning and the use of models in conditions of uncertainty.	Tax consulting and audit	Marketing analysis, Financial Consulting, and decision support tools

			Behavioral Finance				PO7 PO8	The discipline is aimed at studying the influence of psychological factors and cognitive distortions on financial decision-making. The course combines classical economic theories with interdisciplinary knowledge from psychology, sociology and neuroeconomics, explaining why in real life the behavior of investors, consumers and financial markets may deviate from rational models.	Tax consulting and audit	Marketing analysis, Financial Consulting, and decision support tools
			Financial strategies for sustainable development	180	6	8	PO11 PO12	The discipline is devoted to the study of principles and practices of integrating environmental, social and managerial (ESG) factors into financial activities and investment decision-making. It is aimed at forming an understanding of the importance of sustainable development for modern business and financial markets. The main concepts of ESG, methods of assessment and reporting in the field of sustainable development, as well as the impact of ESG factors on the financial performance of companies and investment risks are studied.	Financial markets and digital investment instruments, Financial regulation and macroeconomic sustainability	Fundamentals of project management, Financial consulting and decision support tools
Module 4-Professional module	PD	KV	International finance and trade				PO9 PO10	The discipline is devoted to the study of financial aspects of international trade and activities in global markets. The theoretical foundations and practical tools necessary for the effective management of financial transactions in the context of international economic cooperation are studied. The article examines the mechanisms of financing foreign economic activity, currency transactions, international settlements and payments, methods of managing currency and credit risks, as well as the specifics of customs and tax regulation in international trade.	International Corporate Finance, Financial markets and Institutions	Fundamentals of project management, Financial consulting and decision support tools
			Financial regulation and macroeconomic stability	180	6	6	PO11 PO12	The discipline is aimed at studying the role of financial regulation in ensuring the stability of national and global economies. The mechanisms and instruments of financial sector regulation, as well as their impact on macroeconomic indicators and sustainable development, are considered. The principles and objectives of financial regulation, the role of central banks and government agencies in maintaining financial stability, regulation of the banking system, capital markets and the insurance sector are studied.	Financial markets and digital investment instruments	Financial strategies for sustainable development, IFRS and financial reporting

			Monetary regulation and financial technology				PO11 PO12	The discipline studies modern approaches to monetary policy management in the context of the digital transformation of the financial sector. The article examines the theoretical foundations of regulating money circulation and lending with an analysis of innovative financial technologies, monetary regulation tools, mechanisms of central banks' influence on the economy, as well as the role and features of the introduction of digital technologies.	Currency regulation, Money, credit, banks	IFRS and financial reporting, Digital Finance and Applied Statistics
			Securities portfolio management	210	7	7	PO5 PO6	The discipline is devoted to the study of the theoretical foundations and practical methods of formation, analysis and optimization of investment portfolios. The principles of diversification, methods of assessing profitability and risk, as well as modern approaches to asset management in the financial market are considered.	Monetary regulation and financial technology	Fundamentals of project management, Digital Banking and innovations in banking
			Financial markets and institutions				PO5 PO6	The discipline is devoted to the study of the structure, functions and mechanisms of functioning of modern financial markets, as well as the role of financial institutions in the economy. Capital markets, the money market, the foreign exchange market, derivatives, as well as the activities of banks, investment funds, insurance companies and other participants in the financial system, as well as the regulatory environment, risk management tools and interaction between different segments of the financial infrastructure are considered.	Financial markets and intermediaries	International finance and trade

Head of the Department of transport Services and Business ______________ Musalieva R.