

**UNIVERSITY "TURAN-ASTANA"**

**APPROVED**

**at a meeting of the Academic Council**

**University "Turan-Astana"**

**Protocol No. \_ 7 \_ « \_ 22 \_ » \_ 02 \_ 20 23**

**Chairman of the Academic Council**

**\_\_\_\_\_ Professor G.A. Japarova**

**CATALOG OF ELECTIVE DISCIPLINES**

**6B04104 “Finance”**

**DURATION OF TRAINING - 4 YEARS**

**(RECEPTION - 20 23 YEARS)**

**ASTANA, 202 3**

**Catalog of elective disciplines**  
**OP 6B04104- Finance**

Module code	Module name	Discipline code	Name of disciplines	Summary	Amount of credits ( KZ /ECTS)	Semester	Prerequisites	Post-requisites	Expected results of studying the discipline
1	2	3	4	5	6	7	8	9	10
<b>Basic disciplines</b>									
<b>Component of choice</b>									
M6	Special module No. 6 "Business and Entrepreneurship"	SF 2211	Digital finance	<b>The purpose of studying the discipline:</b> It is aimed at developing students' understanding of new patterns in the development of digital technologies and mastering the skills of their application in the financial sector. <b>Within the framework of this discipline the following is studied:</b> Theoretical foundations, essence and functions of digital finance. The concept of the digital economy, the financial mechanism "blockchain 3.0", cryptocurrencies. Mining and ICO. Financial services. Crowdfunding. Financial technologies in solving professional problems.	5/5	4	Information and communication technologies (in English) Introduction to Finance	Big data is not an analyst Modern payment systems and technologies	<b>1. Knowledge acquired by students :</b> Basic concepts and terminology of digital finance, methods and techniques for analyzing information and its proper application in economic analysis <b>2. Skills acquired by students :</b> Freely navigate the terminology and specifics of modern digital technologies in the financial sector, use them competently in modern realities <b>3. Skills acquired by students and competencies:</b> Independently determine and apply patterns of development of digital technologies, use financial technologies in solving professional problems.

M6	Special module No. 6 "Business and Entrepreneurship"	PP 2211	Business law	<p><b>The purpose of studying the discipline:</b> is to familiarize students with the theory and practical application of business law, and the skills of applying acquired knowledge in legal support of business</p> <p><b>Within the framework of this discipline the following is studied:</b> The concept of business law, principles, legal features of the creation, reorganization and liquidation of business entities, state regulation of business activities, features of protecting the rights of entrepreneurs and resolving business disputes.</p>	5/5	4	Fundamentals of anti-corruption culture political science	Financial right	<p><b>1. Knowledge acquired by students :</b> have a clear understanding of the legislative practice emerging in the Republic of Kazakhstan regarding the exercise by entrepreneurs of their rights and freedoms, as well as the bodies regulating these legal relations</p> <p><b>2. Skills acquired by students :</b> apply the acquired knowledge in practice to resolve specific situations regarding the use of sources of business law.</p> <p><b>3. Skills acquired by students and competencies:</b> apply regulations to resolve specific situations from the perspective of business law norms</p>
M11	General module No. 5 "Module of general economic knowledge"	BDA 2212	Big data and analytics	<p><b>The purpose of studying the discipline:</b> is intensive training of students in theoretical and practical aspects in the field of data analysis, as well as improving their skills in related industries.</p> <p><b>Within the framework of this discipline the following is studied:</b> Introduction to big data. Concept of Data Mining. Applied tools for working with Big Data, analysis technologies and scientific problems in the field of big data, big data storage technologies.</p>	5/5	5	Mathematics in Economics, Information and Communication Technologies	Analysis of financial statements, Project financing and lending	<p><b>1. Knowledge acquired by students :</b> methodology, theory and practice of business analytics, master the basic principles and modern approaches to data analysis, models and working with tools for data processing and analysis.</p> <p><b>2. Skills acquired by students :</b> Process cloud computing data that can significantly reduce information technology infrastructure costs (in the short and medium term) and flexibly respond to changes in computing needs using the elastic computing properties of cloud services.</p> <p><b>3. Skills acquired by students and competencies:</b> the result of reporting analysis in the process of strategy justification development of the organization.</p>
M11	General module No. 5 "Module"	KU 2212	Corporate governance	<p><b>The purpose of studying the discipline:</b> consideration of the theoretical foundations of corporate governance and modern methods of solving corporate</p>	5/5	5	Fundamentals of management and marketing	Project finance and lending, Financial management	<p><b>1. Knowledge acquired by students :</b> <b>Know</b> the corporate governance models existing in foreign practice and their components; content of the corporate</p>

				governance problems <b>Within the framework of this discipline the following is studied:</b> The evolution of corporate governance and the science of corporate governance, corporate governance mechanisms, corporate governance model, formation of the corporate environment, assessment of the economic efficiency of corporate governance					governance model in the Republic of Kazakhstan; objective reasons for the process of enterprise integration and their types; foreign and domestic types of corporations and their management <b>2. Skills acquired by students :</b> to form a holistic understanding of corporate governance and its specifics in domestic organizations, to determine the forms of corporate relations. <b>3. Skills acquired by students and competencies:</b> develop skills in diagnosing problems using a toolkit of decision-making methods in the field of corporate governance, develop problem-solving skills using a toolkit of decision-making methods in the field of corporate governance
<b>Profiling disciplines</b>									
<b>Component of choice</b>									
M12	Special module No. 12 "Management of economics and processes"	MMEP 3201	<b>Mathematical modeling of economic processes</b>	<b>The purpose of studying the discipline:</b> is to consider the use of graphic tools for the analysis of socio-economic data, mastery of theory, graphic-analytical methods for constructing information system algorithms, computer graphics, and the use of conventional graphic symbols. <b>Within the framework of this discipline the following is studied:</b> Basic concepts of economic and mathematical modeling. Stages of constructing a mathematical model. Linear programming problems. Dual problems. Transport tasks. Integer LP problems. Game theory. Dynamic programming. Queuing system. Nonlinear programming problems.	5/5	5	Information and communication technologies	Financial management, Analysis and management of financial risks	<b>1. Knowledge acquired by students:</b> master existing economic and mathematical methods and models used in the analysis, planning and forecasting of economic processes; o learn the basic principles and stages of constructing economic and mathematical models. <b>2. Skills acquired by students:</b> translate an economic problem into mathematical language; solve economic problems using mathematical tools; analyze and forecast economic processes. <b>3. Skills and competencies acquired by students:</b> apply well-known graphic tools in creating a database and its analytical design; master all methods of mathematical processing of documents; have the skills to use methods for modeling economic processes.
M12	Special module	GRE 3201	State regulation of the economy	<b>The purpose of studying the discipline is:</b> mastering the meaning, structure and	5/5	5	Economic theory,	Public Finance Planning,	<b>1. Knowledge acquired by students:</b> systems of state regulation of the national

				main tasks solved by the GRE system <b>Within the framework of this discipline the following is studied :</b> The objective need for state regulation of the economy and its essence. Objects of state regulation: macrosphere, production, infrastructure, social sphere of the economy and its regional components. Socio-economic forecasting and planning as the initial stage of state activity in regulating the economy.			microeconomics and macroeconomics,	Customs	economy, activities of fiscal and monetary policy. <b>2. Skills acquired by students:</b> analyze the state of the GRE system in Kazakhstan and the economic efficiency of its development <b>3. Skills and competencies acquired by students:</b> skills in using terminology used in government activities and in the system of state regulation of the Kazakh economy.
M13	Special module No. 13 "Fiscal policy module"	TD 3302	Customs	<b>The purpose of studying the discipline:</b> is the formation among students of the theoretical and legal foundations for the development and implementation of the country's customs policy <b>Within the framework of this discipline the following is studied:</b> The discipline forms knowledge of the conceptual apparatus in the field of customs; customs service structures; the ability to select suppliers taking into account preferential customs regimes, use preferential customs regimes, design safe supply chains; analyze shipping documents, fill out a customs declaration, skills in identifying, preventing and suppressing administrative offenses and crimes in the field of customs.	5/5	6	State regulation of the economy	Public finance planning,	<b>1. Knowledge acquired by students :</b> rights and responsibilities of the customs authority, powers of customs officials , RMS when moving certain categories of goods, methods for identifying risk situations, principles of moving goods and vehicles across the customs border of the Customs Union and principles of the country's customs policy <b>2. Skills acquired by students :</b> use regulatory knowledge when carrying out professional tasks, monitor compliance by participants in foreign trade activities, identify signs of risk during customs control of certain categories of goods, apply measures to manage risks and minimize them <b>3. Skills acquired by students and competencies:</b> understands regulatory documents in the field of customs legislation, make legal and informed decisions when implementing customs control, applying risk profiles during customs control of certain categories of goods and vehicles
M14	Special module No. 14 "Accounting"	UOFO 3302	Accounting and reporting in financial organizations	<b>The purpose of studying the discipline:</b> studying the theories and practices of accounting organizations in financial organizations and mastering training skills for reporting in this area	5/5	6	Accountant	Analysis of financial statements, 1C-Accounting	<b>1. Knowledge acquired by students :</b> basic principles of accounting and financial reporting, as well as basic generally accepted rules for accounting for assets, liabilities, capital, income, expenses in financial

				<p><b>Within the framework of this discipline the following is studied:</b> the basic legislative framework of accounting, practical principles of accounting in financial organizations, document flow, financial reporting forms, methods and functions of accounting in financial organizations</p>					<p>organizations  <b>2. Skills acquired by students :</b>  solve, using the example of specific situations, issues of assessment, accounting registration and accumulation of financial information for the purpose of subsequent presentation in financial reports;  <b>3. Skills acquired by students and competencies:</b>  -use financial accounting and reporting information for decision-making purposes in the organization's management system; prepare your own financial statements</p>
M15	Special module No. 15 "Financial intermediary"	FRIP 3203	Financial markets and intermediaries	<p><b>The purpose of studying the discipline:</b> is to master the knowledge and methodologies for effectively managing operations in modern financial markets.  <b>Within the framework of this discipline the following is studied:</b>  financial market structure; principles and methods of organizing and managing financial markets, financial market instruments; ability to analyze the activities of financial market participants, evaluate financial instruments; determine the risk structure of a financial institution; skills in analyzing the activities of financial and credit institutions in the context of changes in capital markets, the fundamentals of macroeconomic analysis of financial markets.</p>	5/5	3	Economic theory	World financial markets, Stock markets and stock exchange business	<p><b>1. Knowledge acquired by students:</b> the essence of financial intermediation; capabilities and purposes of financial market instruments; the purpose and functions of individual financial market segments; the main financial institutions, the services they offer, pricing methods, management styles, strategies for effective operation in domestic and international financial markets;  <b>2. Skills acquired by students:</b> analysis of the activities of financial intermediaries, professional participants in financial markets; analysis of the current state of financial markets;  <b>3. Skills acquired by students and competencies:</b> using the capabilities of financial market instruments when making management decisions in business activities, taking into account the peculiarities of the formation and functioning of financial markets in the Republic of Kazakhstan;</p>
M15	Special module No. 15 "Financial intermediary"	IFR 3203	Financial market infrastructure	<p><b>The purpose of studying the discipline:</b> studying the theoretical foundations of the financial market infrastructure and its structure.  <b>Within the framework of this discipline the following is studied:</b></p>	5/5	3	Economic theory	World financial markets, Stock markets and stock exchange business	<p><b>1. Knowledge acquired by students:</b> behavior strategies of economic agents in various markets;  <b>2. Skills acquired by students:</b> develop strategies for the behavior of economic agents in various markets;</p>

				The role of infrastructure in the functioning of the financial market. Trading infrastructure of the financial market. Accounting infrastructure of the financial market. Financial market settlement infrastructure. Information infrastructure of the financial market					<b>3. Skills and competencies acquired by students:</b> the ability to develop strategies for the behavior of economic agents in various markets
M13	Special module No. 13 "Fiscal policy module"	NN 3304	Taxes and taxation	<p><b>The purpose of studying the discipline:</b> is an in-depth study of the theoretical aspects of taxation and mastery of practical tax calculation skills .</p> <p><b>Within the framework of this discipline the following is studied:</b> Economic essence and nature of taxes, Tax system of the Republic of Kazakhstan, Tax policy and its role in the implementation of the economic policy of the state. Land tax, Vehicle tax, property tax, Value added tax, Excise taxes, Corporate income tax, Individual income tax, Social tax, Taxation of subsoil users, Special tax regimes, Fees, duties and payments.</p>	5/5	5	Economic theory, Introduction to finance	Treasury execution of the state budget, Public finance planning	<p><b>1. Knowledge acquired by students:</b> The essence of taxes and the functioning of the tax system; mechanism for calculating and paying each type of tax; studying the structure of the tax service , the rights and responsibilities of tax workers , as well as their performance of control and economic work; studying ways to resolve problematic issues in the system of tax accounting and tax administration.</p> <p><b>2. Skills acquired by students:</b> Practice of formation and development of the tax system and functioning of the tax politicians; mechanism for calculating and paying taxes; features of the application of special tax regimes (STR); procedure for applying tax administration</p> <p><b>3. Skills and competencies acquired by students:</b> The student must: distinguish between types of taxes and the basis of their classification; know the circle of taxpayers and all elements of taxation; independently calculate the tax, know its source of coverage; be able to use the legislative framework on taxation issues.</p>
M13	Special module No. 13 "Fiscal policy module"	MGZ 3304	Public procurement mechanisms	<p><b>The purpose of studying the discipline:</b> is the formation of students in the field of development and implementation of public procurement, as well as skills and abilities for their practical use.</p> <p><b>Within the framework of this discipline the following is studied:</b> essence of state order. Functions of state order. Hierarchical levels of the public</p>	5/5	5	Economic theory, Introduction to finance	Treasury execution of the state budget, Public finance planning	<p><b>1. Knowledge acquired by students:</b> basic concepts and elements of the government procurement system; basic principles of procurement organization, modern trends in the development of the public procurement system; procedures and conditions of tenders and competitions.</p> <p><b>2. Skills acquired by students:</b> apply a systematic approach to the study and</p>

				procurement system. The concept of “state needs” and “municipal needs”. Republican and regional government needs. The concept of “state needs”. The concept of “state interest”. The concept of “public procurement”. Use of electronic technologies when placing government orders in contract competitions					resolution of problems in managing the system of government orders at the republican and regional levels; <b>3. Skills acquired by students and competencies:</b> independent analysis of the processes of placing orders at the level of state and municipal authorities, modeling the situation of the behavior of the parties in the process of placing a government order.
M15	Special module No. 15 "Financial intermediary"	BD 3305	Banking	<p><b>The purpose of studying the discipline:</b> to form in students a holistic system of knowledge on the theoretical aspects of banking, the basics of the functioning of the monetary and credit system, international credit, settlement and currency relations</p> <p><b>Within the framework of this discipline the following is studied:</b> The discipline develops knowledge in the organizational and legal foundations of the functioning of the banking system, the procedure for carrying out banking operations, analyzing the structure of the balance sheet of first- and second-tier banks, calculating the amount of interest payments on deposits, assessing the creditworthiness of individuals and legal entities; have the skills to work with banking documentation, assess liquidity and risks based on the bank’s prudential standards.</p>	5/5	5	Money, credit, banks, Introduction to finance	Currency transactions, Financing and lending of investments	<p><b>1. Knowledge acquired by students:</b> the essence and features of banking; formation and development of the banking system, in general and in the Republic of Kazakhstan; management styles and methods in banking; fundamentals of organizing banking.</p> <p><b>2. Skills acquired by students:</b> characterize the specifics of banking; determine the main goals, objectives and principles of management in the bank; identify the most appropriate form of organizational structure based on the characteristics of the bank’s activities.</p> <p><b>3. Skills and competencies acquired by students:</b> carry out operations to form the own and borrowed funds of credit institutions, assess their structure; justify the choice of lending mechanism for legal entities and individuals; calculate and evaluate compliance with economic standards for the activities of credit institutions; calculate and analyze indicators characterizing the financial activities of credit institutions; assess the creditworthiness of individuals and legal entities in connection with the choice of lending mechanism.</p>
M16	Special module No. 16 "Securities and Asset	AIPR 3305	Administration of investment projects and decisions	<p><b>The purpose of studying the discipline:</b> When studying the discipline, students must learn to independently make management decisions regarding the selection of investment proposals, the</p>	5/5	5	Creative Project, Introduction to Finance	Firm asset management, Financial risk analysis and management	<p><b>1. Knowledge acquired by students :</b> Know the methodology for organizing the collection, processing, analysis and systematization of statistical, scientific, legal and other information on the innovative</p>



				<p>formation of investment projects and programs, planning the sources of their financing and managing investment projects.</p> <p><b>Within the framework of this discipline the following is studied:</b></p> <p>provisions in the field of management of investment projects, changes and project risks; methods and methods for assessing the effectiveness of an investment project, its risks, business idea and model of the investment project; develop a financial model of an investment project; skills of investing and selecting cost-effective projects; identify problems of an economic nature during analysis and suggest ways their decisions.</p>					<p>development of economic systems. Know the basic methods and means of solving problems within the framework of the research being carried out, taking into account its functional area and focus. Know the principles, methodology and procedure for generating reports, reviews, publications based on the results of research.</p> <p><b>2. Skills acquired by students :</b></p> <p>Be able to select methods and means for solving problems that are adequate to the goals of the research being conducted. Be able to structure reports, reviews, publications, determine the logic of their presentation, and format them in accordance with accepted norms and standards. Apply modern mathematical tools to solve meaningful economic problems in the innovative sphere of the economy .</p> <p><b>3. Skills acquired by students and competencies:</b> Have experience in conducting research in the subject area. Possess the skills of generating reports, reviews, publications based on the results of research conducted</p>
M16	Special module No. 16 "Securities and Asset Management"	SPST 3306	Modern payment systems and technologies	<p><b>The purpose of studying the discipline:</b></p> <p>Formation of knowledge, basic principles, mechanisms of functioning and management of global, national, local payment systems, using methods for analyzing the effectiveness of payment systems , mastering skills in the functioning of modern payment systems and technologies and tools .</p> <p><b>Within the framework of this discipline the following is studied:</b></p> <p>Theoretical foundations of the functioning of the payment system, payment instruments and their evolution</p>	5/5	6	Money, credit, banks, Introduction to finance	Currency transactions, Financial derivatives	<p><b>1. Knowledge acquired by students :</b></p> <p>basic approaches to the organization of international and national payment systems , modern technologies and information for financial settlements and payments</p> <p><b>2. Skills acquired by students :</b></p> <p>Collects and analyzes data in the field of money circulation and payments using modern methods</p> <p><b>3. Skills acquired by students and competencies:</b></p> <p>use ATMs, payment terminals for making payments , solving practical problems related to the introduction of digital technologies in settlements and payments</p>

				for financial settlements, the electronic money transfer system in the financial market infrastructure, modern technologies of the financial market payment infrastructure, the basics of the security of electronic payment services. implementation of digital technologies in settlements and payments					
M16	Special module No. 16 "Securities and Asset Management"	FKA 3306	Financial control and audit	<p><b>The purpose of studying the discipline:</b> provide students with systemic knowledge of the theoretical, methodological and organizational foundations of financial control in financial and budgetary organizations.</p> <p><b>Within the framework of this discipline the following is studied:</b> tasks and financial control and audit, carried out by government bodies, as well as specialized audit organizations. Introduces the methodology of conducting all forms of state financial control. conducting an efficiency audit – a promising and difficult to implement area of state financial control.</p>	5/5	6	Introduction to Finance, Financial Law	Treasury execution of the state budget	<p><b>1. Purchased by students knowledge:</b> legislation in the field of state financial control; competence of financial control bodies; stages and specifics of the audit; difference between audit and audit;</p> <p><b>2. Skills acquired by students :</b> draw up a public sector audit plan and program; use the terminology of auditor and auditor.</p> <p><b>3. Skills acquired by students and competencies:</b> Independently organize and conduct audits in financial and budget organizations; drawing up an audit report.</p>
M16	Special module No. 16 "Securities and Asset Management"	FP 3307	Financial right	<p><b>The purpose of studying the discipline:</b> is to acquire the skills of formal dogmatic analysis of the rules of financial law, to apply the rules of financial law in practice.</p> <p><b>Within the framework of this discipline the following is studied:</b> The discipline forms knowledge of the fundamentals of the financial activities of the state, the content of the financial law of the Republic of Kazakhstan, its methods, subject and system, the content of financial and legal norms and financial relations, the content of financial and legal institutions that make up its general part: the monetary system of the state;</p>	5/5	3	Law basics	Public procurement mechanisms, Taxes and taxation	<p><b>1. Knowledge acquired by students :</b> concept of finance and financial activities; legal basis of financial activities of the Republic of Kazakhstan; financial and legal norms and mechanisms of their action in the process of financial activity of the formation, distribution and use of centralized and centralized funds of funds of the state and municipalities; organizational and legal foundations of financial control in the Republic of Kazakhstan;</p> <p><b>2. Skills acquired by students :</b> analyze the legal content of financial and legal institutions; identify the content of financial and legal acts of the Republic of Kazakhstan and correctly apply their provisions in</p>

				financial device; financial management; financial planning; financial control; financial and legal liability in force in the Republic of Kazakhstan .					practical activities for the upcoming job purpose; <b>3. Skills acquired by students and competencies:</b> conduct examinations of payment and settlement documents used in carrying out financial and economic transactions in commercial and budgetary institutions subordinate to the authorities of the Republic of Kazakhstan;
M16	Special module No. 16 "Securities and Asset Management"	FSNT 3307	Financial system and new technologies	<p><b>The purpose of studying the discipline:</b> Consists of providing knowledge in the field of application of modern information systems and technologies that provide specialists with tools for solving management problems in the accounting and financial spheres.</p> <p><b>Within the framework of this discipline the following is studied:</b> Modern technologies for decision-making in the field of corporate finance . Modern methods of obtaining, analyzing, processing information Development of proposals for modifying the bank's policy in the field of corporate lending . Financial controlling technologies in corporate governance</p>	5/5	3	Information and communication technologies	Mathematical modeling of economic processes, Digital finance	<p><b>1. Knowledge acquired by students:</b> Mastering theoretical knowledge in the field of functioning of information systems and technologies used in the financial system, types and forms of technology used in the financial sector</p> <p><b>2. Skills acquired by students:</b> Apply methods of modern automated information technologies to solve managerial, financial and economic problems of an enterprise in a modern market economy .</p> <p><b>3. Skills and competencies acquired by students:</b> Use tools to solve management problems in the credit, financial and financial banking sectors</p>
M11	Special module No. 11 "Analysts and asset management"	FM 3308	Financial management	<p><b>The purpose of studying the discipline:</b> in training specialists with sufficient knowledge, abilities and skills for financial management, in accordance with the state educational standard and the requirements of employers .</p> <p><b>Within the framework of this discipline the following is studied:</b> Goals and objectives of financial management , Basic categories and concepts of financial management , Methods for analyzing investment projects. Project risk analysis , Company</p>	5/5	6	Introduction to Finance, Enterprise Economics	Economic analysis, Firm asset management	<p><b>1. Knowledge acquired by students:</b> functions and methods of financial management; basic concepts of financial management; project and company cost management ; capital structure and dividend policy.</p> <p><b>2. Skills acquired by students:</b> calculate the future and current value of cash flow; analyze investment projects; predict cash flows of an investment project; manage fixed and working capital; formulate a dividend policy.</p> <p><b>3. Skills and competencies acquired by students:</b> conducting analysis of cost and</p>

				value management , Capital structure and dividend policy , Management of current assets and short-term liabilities					capital structure; assessment of production and financial risk; operational analysis.
M15	Special module No. 15 "Financial intermediary"	PS 3308	World financial markets	<p><b>The purpose of studying the discipline:</b> to instill in students the ability to navigate information on global financial markets, understand the architecture of the global financial market, understand the interdependencies between various segments of the financial market, assess the impact of events in the global financial market on the Kazakhstan stock market and other segments of the financial market of the Republic of Kazakhstan.</p> <p><b>Within the framework of this discipline the following is studied:</b> The discipline is intended to train financial market specialists in the field of securities analysis (financial analytics). The purpose of the course is to instill in students the ability to navigate information on global financial markets, understand the architecture of the global financial market, understand the interdependencies between various segments of the financial market, assess the impact of events in the global financial market;</p>	5/5	6	Economic theory, Financial markets and intermediaries	Stock markets and exchange business, Securities portfolio management	<p><b>1. Knowledge acquired by students:</b> the world's main financial centers, the largest stock exchanges, the main financial instruments, the infrastructure of the global financial market, features of regulation of financial markets, the largest issuers and players in the world financial markets, features of the largest stock markets</p> <p><b>2. Skills acquired by students:</b> find financial information necessary for analysis on the global financial market, analyze the influence of different segments of the financial market on each other, predict changes in the global financial architecture, assess the dynamics of global stock markets and their impact on economic development, understand the influence of the global financial market on the economy of Kazakhstan</p> <p><b>3. Skills and competencies acquired by students:</b> skills in analyzing global financial market conditions</p>
M14	Special module No. 14 "Accounting and analytical"	AFO 4309	Analysis of financial statements	<p><b>The purpose of studying the discipline :</b> to provide theoretical and practical training for students in the ability to use financial reporting in the company's management system.</p> <p><b>Within the framework of this discipline the following is studied:</b> Organizational and methodological basis for the analysis of financial statements . Balance Sheet Analysis . Analysis of the statement of changes in equity . Analysis</p>	5/5	7	Bukhgalterlik esep, Accounting and reporting in financial organizations	1C-Accounting, Production and pre-graduation practice	<p><b>1. Knowledge acquired by students :</b> theoretical foundations of financial reporting analysis; modern methods and techniques used in the analysis of financial statements.</p> <p><b>2. Skills acquired by students :</b> economically correctly formulate the statement of the problem, correctly and effectively use the analytical tools for analyzing financial statements; draw conclusions conclusively based on the results of analytical studies.</p>

				of the cash flow statement . Analysis of consolidated statements .					<b>3. Skills and competencies acquired by students :</b> analyze the financial condition of organizations of various forms of ownership.
M14	Special module No. 14 "Accounting and analytical"	EA 4309	Economic analysis	<p><b>The purpose of studying the discipline:</b> familiarizing students with the methodology for conducting economic analysis of the financial and economic activities of enterprises of various forms of ownership.</p> <p><b>Within the framework of this discipline the following is studied:</b> Content, object, subject and tasks of economic analysis. Methods, techniques and methods of economic analysis. Factor analysis. Method of financial ratios. Fundamentals of management analysis. Analysis of the company's marketing activities. Analysis of production and sales of products. Analysis of the use of production resources. Product cost analysis. Fundamentals of financial analysis. General assessment of the company's financial condition. Analysis of balance sheet liquidity. Analysis of financial stability. Cash flow analysis. Analysis of the profitability of the organization</p>	5/5	7	Bukhgalterlik esep, Accounting and reporting in financial organizations	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students:</b> know the theoretical foundations of economic analysis; understand the essence and significance of economic analysis; have an idea of the content of economic analysis, its goals and main functions;</p> <p><b>2. Skills acquired by students:</b> master the methods of management and financial analysis; master the methodology of economic analysis; be able to conduct strategic and forecast planning activities of economic entities;</p> <p><b>3. Skills and competencies acquired by students:</b> To be able to conduct an economic analysis of the enterprise and the main its structural divisions; evaluate production the potential of the enterprise and its use; apply factorial results analysis to justify management decisions; determine the financial condition of the enterprise and its development trends.</p>
M14	Special module No. 14 "Accounting and analytical"	1C-B 4310	1c accounting	<p><b>The purpose of studying the discipline:</b> students' mastery of modern software tools aimed at automating the work of an accountant, using the example of the universal accounting program "1C: Accounting", version 8.3.</p> <p><b>Within the framework of this discipline the following is studied:</b> General principles of accounting. Accounting for cash transactions. Accounting for trade operations. Accounting for fixed assets and intangible</p>	5/5	7	Bukhgalterlik esep, Accounting and reporting in financial organizations	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> obtain and develop knowledge related to accounting, tax, financial, management accounting using the 1-C accounting program, prepare a tax return.</p> <p><b>2. Skills acquired by students :</b> the ability to prepare a tax return and keep records in the 1C program - Accounting</p> <p><b>3. Skills and competencies acquired by students :</b> master skills in the field of computerization of accounting in an enterprise.</p>

				assets. Production accounting. Salaries and personnel records. End of the period. Regulated reporting. Standard reports. Service capabilities					
M14	Special module No. 14 "Accounting and analytical"	KTBU 4310	Computer technologies in accounting	<p><b>The purpose of studying the discipline:</b> Obtaining theoretical and practical skills in working in the software package, using the acquired knowledge in the field of accounting and auditing.</p> <p><b>Within the framework of this discipline the following is studied:</b> Concept, essence of classification of software products for accounting automation in modern conditions. Accounting software market. Purpose, structure and general operating principles of the 1C Accounting package. Setting up accounts, subaccounts and other parameters: synthetic and analytical accounting. Purpose of the operation journal and its adjustment. Basic features of standard operations, formulas for calculating transaction amounts.</p>	5/5	7	Bukhgalterlik esep, Accounting and reporting in financial organizations	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> know the basics of construction and functioning of accounting programs used in the Republic of Kazakhstan.</p> <p><b>2. Skills acquired by students :</b> the ability to apply various means of information programs in practice.</p> <p><b>3. Skills and competencies acquired by students :</b> Will allow you to master theoretical and practical skills in working in the software package, using the acquired knowledge in the field of accounting and auditing.</p>
M15	Special module No. 15 "Financial intermediary"	Str 3311	Insurance	<p><b>The purpose of studying the discipline:</b> to give students in-depth theoretical knowledge of the fundamentals of the insurance business, the principles of formation of insurance tariffs, the characteristics of industries and types of insurance, the specifics of the Kazakhstan insurance market.</p> <p><b>Within the framework of this discipline the following is studied:</b> The discipline forms knowledge of the basics of insurance, reinsurance, insurance, types, forms of insurance, insurance products in the insurance market; the ability to analyze insurance statistics on the insurance market,</p>	5/5	6	Introduction to finance, Statistics and statistical analysis	Industrial-pre-graduate practice, Islamic finance	<p><b>1. Knowledge acquired by students :</b> the essence and mechanisms of functioning of insurance, the structure of the modern insurance market; classical principles of insurance; types of risks and their classification; the economic essence of insurance; classification of industries and types of insurance; legal basis of insurance</p> <p><b>2. Skills acquired by students :</b> analyze insurance processes occurring in the country, use actuarial calculations in calculating tariff rates by type of insurance; calculate indicators of financial stability and solvency of an insurance organization.</p> <p><b>3. Skills acquired by students and competencies:</b> using theoretical</p>

				insurance companies, use regulatory and legislative documents on insurance, conduct an economic analysis of insurance operations, skills in analyzing and calculating the main financial indicators of the insurer, assessing its financial stability.					knowledge to make correct practical decisions in the field of insurance, in analyzing the financial activities of insurance companies; in calculations of the main indicators of insurance statistics; in determining insurance rates for various types of insurance; in the preparation and drafting of insurance documents.
M15	Special module No. 15 "Financial intermediary"	EDK 3311	Electronic money and cryptocurrencies	<p><b>The purpose of studying the discipline:</b> studying the features of electronic money technology and the use of cryptocurrencies, developing the skills and abilities of investing in cryptocurrencies and using the ICO mechanism for financial support of an innovative project.</p> <p><b>Within the framework of this discipline the following is studied:</b> History of the development of the cryptocurrency market. Blockchain as a financial technology. The essence and forms of ICO. The place of cryptocurrency in the modern financial system, Investment aspects of cryptocurrencies, International practice of government regulation of the cryptocurrency market</p>	5/5	6	Introduction to Finance, Digital Finance	Industrial-pre-graduate practice, Financial derivatives	<p><b>1. Knowledge acquired by students:</b> characteristics of electronic money, main types and properties of electronic money, areas of application of electronic money</p> <p><b>2. Skills acquired by students:</b> analyze the relationship between the modern monetary system, the place and role of electronic money in it, analyze and interpret financial, accounting and other information contained in reporting of banking and non-banking payment systems and use the information received to accept management decisions</p> <p><b>3. Skills and competencies acquired by students:</b> methodology of scientific research in the field of functioning of electronic money, master the tools for using various types of cryptocurrencies</p>
M15	Special module No. 15 "Financial intermediary"	FRBD 4312	Stock markets and exchange affairs	<p><b>The purpose of studying the discipline:</b> deep mastery by students of the fundamentals of the securities market, the essence of securities, stock market participants, as well as methodologies for effectively managing operations in modern stock markets.</p> <p><b>Within the framework of this discipline the following is studied:</b> Stock exchanges, its functions and types, tools and mechanisms for regulating world stock markets, Securities market infrastructure - as the basis for the</p>	6/6	7	Financial markets and intermediaries, Financial market infrastructure	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students:</b> types of basic securities; define the difference between a stock and a bond and types of derivative securities; how the issuer issues securities into circulation; how an issuer can make decisions on investing in securities on the stock market.</p> <p><b>2. Skills acquired by students:</b> distinguish between securities; various types of professional activities also distinguish the characteristics and purposes of each market participant; use market information, assess the risks associated with making decisions on the stock market.</p>

				development of the country's stock market, Exchange operations, organization of exchange trading in the practice of countries, Mechanism for organizing and techniques for concluding exchange transactions in different countries					<b>3. Skills and competencies acquired by students:</b> the skills of a specialist stock worker - trader, and also distinguish between the elements of predicting the price of a security.
M15	Special module No. 15 "Financial intermediary"	IF 4312	Islamic finance	<p><b>The purpose of studying the discipline:</b> give students knowledge that will allow them to understand the main features of private and corporate financial management in Muslim countries.</p> <p><b>Within the framework of this discipline the following is studied:</b> forms and methods of Islamic finance, instruments of Islamic finance, experience of developed countries in introducing Islamic finance. Provides an opportunity, based on theoretical and practical analysis of the functioning of the Islamic financial industry, generalization of foreign experience, as well as the study of legislative and regulatory documents, to gain knowledge on the main mechanisms of ethical (Islamic) financing and prospects for the development of this industry in the Republic Kazakhstan.</p>	6/6	7	Financial markets and intermediaries , Financial market infrastructure	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> The role and place of the Islamic financial banking system in the global economic System; Institutional structure of the Islamic financial system; The role and place of Islamic financial institutions in the global financial system; Models of functioning of Islamic financial systems in various countries; The role and place of the Islamic legal system in the formation of the model of functioning of the banking and para-banking system; Forms of presence of Islamic commercial institutions in various countries; Structure of international operations of Islamic commercial and investment banks; Features of these operations on the global market in comparison with the national level.</p> <p><b>2. Skills acquired by students :</b> use knowledge within the discipline to analyze the development of the Islamic banking system and banking systems of individual countries; determine the directions of development of the Islamic banking system; determine directions for reforming regulation and principles of Islamic banking supervision in a global context; analyze the dynamics of the direction and logic of distribution of financial flows by type and between different countries, including Islamic ones;</p> <p><b>3. Purchased by students skills and competencies:</b> determine and evaluate</p>



									the effectiveness of international operations of Islamic banks in financial markets; assess the performance efficiency, as well as risks in the international activities of Islamic banks and Islamic financial institutions
M13	Special module No. 13 "Fiscal policy module"	RIGB 4313	Treasury execution of the state budget	<p><b>The purpose of studying the discipline:</b> reveal the content and significance of the execution of state budgets at all levels, their role in the socio-economic development of Kazakhstan, master the basics of forming the revenue and expenditure parts of budget execution, the content of the budget process , the specifics of its stages.</p> <p><b>Within the framework of this discipline the following is studied:</b> The discipline develops knowledge of the economic essence of the state budget, the Treasury system and classification, the content of budget revenues and expenditures, the ability to analyze the preparation and execution of the budget by treasury authorities ; distribute budget expenditures to certain areas of the state; distribution of budget expenses and forecasting tax revenues, the content of the budget process, the specifics of the treasury’s execution of its functions at each of its stages.</p>	6/6	7	Introduction to Finance, Taxes and Taxation	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> the basics of organizing the treasury system and the main directions of the budget policy of the Republic of Kazakhstan in modern conditions, as well as the basic concepts, categories and tools for solving treasury problems, the fundamentals of constructing, calculating and analyzing indicators characterizing the effectiveness of the treasury system for executing the country's budget</p> <p><b>2. Skills acquired by students :</b> calculate revenues and expenses according to the budget classification (functional group, function, subfunction, institution, program, subprogram, category, class, subclass and specificity) ; effectively organize and plan treasury activities for budget execution</p> <p><b>3. Skills acquired by students and competencies:</b> making the right choice of the most optimal way to finance budgets; distribute budget expenditures on education; predict tax revenues and control them</p>
M13	Special module No. 13 "Fiscal policy module PGF 4313"	PGF 4313	finance planning	<p><b>The purpose of studying the discipline:</b> formation of systemic knowledge among students in the field of preparation and execution of state financial plans based on modern planning technologies in order to ensure the development of society and the state.</p> <p><b>Within the framework of this discipline the following is studied:</b> The essence and subject of the theory of financial forecasting, financial planning</p>	6/6	7	Introduction to Finance, Taxes and Taxation	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> conceptual and terminological apparatus in the field of financial forecasting and planning, modern technologies for planning and forecasting socio-economic development Financial planning of socio-economic development of the country and regions, industry complexes, economic sectors, enterprises.</p> <p><b>2. Skills acquired by students :</b> use the methodology for planning various</p>

				as a function of the state, System of socio-economic planning, Information support for financial forecasting and planning of socio-economic development of the territory and the country, forecasting and planning of labor resources, social development, consumer market and innovation activities					aspects of the financial and economic development of the country and regions; - calculate forecast and planned indicators <b>3. Skills acquired by students and competencies:</b> demonstrate skills in using instrumental (software and hardware) tools when carrying out forecast and planned calculations of financial plans and forecasts;
M16	Special module No. 16 "Securities and Asset Management"	UPCB 4314	Portfolio management	<p><b>The purpose of studying the discipline:</b> introducing students to the principles of investment portfolio management in modern conditions, practical experience in managing the portfolio structure at each stage of decision-making, managing risks in portfolio investments;</p> <p><b>Within the framework of this discipline the following is studied:</b> The concept of a securities portfolio. Classification of portfolio types. Methods of securities portfolio management and investment strategy. Portfolio risk during formation. The problem of choosing an investment portfolio. Portfolio analysis Model for assessing the return on financial assets (CAPM). Arbitrage Pricing Model (APM)</p>	6/6	7	Modern payment systems and technologies, Introduction to finance,	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students:</b> in the field of formation and management of an investment portfolio, assessing the value of a company, a package of securities, determining the economic efficiency of investing in securities, as well as the Legislative framework for the functioning of the securities market;</p> <p><b>2. Skills acquired by students:</b> Transform theoretical knowledge about the features of portfolio investment, building an investment strategy, determining the effectiveness of investment strategies, forming an optimal portfolio of securities into professional activities;</p> <p><b>3. Skills and competencies acquired by students:</b> Carry out analytical and synthetic activities to summarize economic information, carry out calculations to assess the value of the company, determine the economic efficiency of investments in certain types of securities;</p>
M16	Special module No. 16 "Securities and Asset Management"	VO 4314	Currency operations	<p><b>The purpose of studying the discipline:</b> studying types of foreign exchange transactions; consideration of foreign exchange control and the legal status of foreign exchange control authorities and agents; studying the role of the National Bank of the Republic of Kazakhstan in the foreign exchange policy of the state;</p>	6/6	7	Modern payment systems and technologies, Introduction to finance,	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a	<p><b>1. Knowledge acquired by students :</b> types of currency transactions; consideration of foreign exchange control and the legal status of foreign exchange control authorities and agents; studying the role of the National Bank of the Republic of Kazakhstan in the foreign exchange policy of the state; currency forecasting</p>

				<p><b>Within the framework of this discipline the following is studied:</b>  The concept and types of the foreign exchange market, Foreign exchange control in the Republic of Kazakhstan, The mechanism of foreign exchange regulation and the rules for conducting foreign exchange transactions, The National Bank of the Republic of Kazakhstan and second-tier banks in the system of foreign exchange regulation, Exchange rate, Dynamics of exchange rates, Exchange transactions of the SPOT type, Forward and its varieties, Futures contracts. Currency risk hedging</p>				comprehensive exam	<p><b>2. Skills acquired by students :</b> distinguish between internal and external convertibility, conduct and process foreign exchange transactions,  <b>3. Skills acquired by students and competencies:</b> to distinguish between all subjects of the foreign exchange market, to determine the compliance of ongoing foreign exchange transactions with current legislation and to carry out foreign exchange control</p>
M11	Special module No. 11 "Analysts and asset management"	UAF 3315	Firm asset management	<p><b>The purpose of studying the discipline:</b> developing in students knowledge of the conceptual foundations of managing company assets and the theoretical basis for managing own funds, fixed and working capital of an enterprise  <b>Within the framework of this discipline the following is studied:</b>  Theoretical foundations of asset management , Enterprise assets: basic concepts, basic methods of asset analysis, types of enterprise assets, management of non-current assets. current assets management</p>	5/5	6	Financial management, Enterprise economics	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> features of the organization of financial management at the enterprise; basics of information support for enterprise asset management; methods and forms of making financial decisions in conditions of inflation  <b>2. Skills acquired by students :</b> determine the valuation of fixed assets and costs of the organization, apply methods for analyzing the company's assets  <b>3. Skills acquired by students and competencies:</b> Able to justify decision-making when developing an asset management strategy, determine the valuation of key resources and costs</p>
M11	Special module No. 11 "Analysts and asset management"	FIKI 3315	Investment financing and lending	<p><b>The purpose of studying the discipline:</b> studying the essence and mechanism of investment; methods of using financial instruments to attract investments; lending methods.  <b>Within the framework of this discipline the following is studied:</b>  the economic essence of investments and their structure, forms and methods of financing investment projects,</p>	5/5	7	Administration of investment projects and decisions	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> the essence and meaning of investing; investment market infrastructure and the mechanism of its functioning; theoretical and methodological foundations of investment; functions of an investor and participant in the investment market, the role of financial intermediaries in investing; the essence of foreign investment and its necessity for the capital recipient country; the mechanism of</p>

				assessment of credit risk for an investment project; skills in calculating project performance indicators, methods for assessing credit risk in project financing and investment lending, organizing the process making investment decisions.					functioning of the investment market and the risks associated with investing; stages of formation of the company's investment strategy; the concept of an investment project and its life cycle; the essence of monitoring the investment process <b>2. Skills acquired by students :</b> assess the attractiveness of the investment climate of the state and region; determine the feasibility for an investor of investing capital in financial and real asset management of a company ; evaluate the possibilities of using investments in different directions. <b>3. Skills acquired by students and competencies: able to justify the choice</b> of tools for assessing the economic efficiency of the implementation of an investment project; development methods and tools
M12	Special module No. 12 "Management of economics and processes"	AUFR 4316	Analysis and management of financial risks	<p><b>The purpose of studying the discipline:</b> formation of a system of key competencies that ensure the effectiveness of financial risk management of the organization, mastery of knowledge and skills in the field of risk management of the organization</p> <p><b>Within the framework of this discipline the following is studied:</b> Classification of financial risks Methods for analyzing financial risk, Assessment of financial risks, methods for analyzing financial risks and uncertainty, Managing financial risks, Forming an effective risk management system, Financing as a tool for managing financial risk</p>	6/6	7	Insurance, Administration of investment projects and solutions	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> content, goals, objectives and principles for developing an organization's financial risk management system; tools and methods for financial risk management;</p> <p><b>2. Skills acquired by students :</b> possess analytical techniques for determining the feasibility of making decisions in the field of financial risk management; - classify financial risks, identify the features of their occurrence and management in the practice of domestic companies; - make a choice between methods of transferring financial risks, carry out appropriate calculations for them; - evaluate the effectiveness of management decisions made;</p> <p><b>3. Skills acquired by students and competencies:</b> determining the relationship between risk management and strategic, financial and investment management, financial analysis, management</p>

									accounting; justify the effectiveness of using software in the process of analysis, assessment and management of financial risks.
M16	Special module No. 16 "Securities and Asset Management"	FD 4316	Financial derivatives	<p><b>The purpose of studying the discipline:</b> The discipline is to develop in students the study of the principles of work and technology of working with financial derivatives and the features of their functioning, taking into account the real conditions of the formation of the market of the Republic of Kazakhstan.</p> <p><b>Within the framework of this discipline the following is studied:</b> Concept and essence of the class of derivatives: futures (or forwards), selection (and selection of futures), and exchanges Concept of derivatives from the point of view of an external investor, Derivative securities. interest rate futures, ordinal futures, currency options, and interest rate swaps.</p>	6/6	7	Electronic money and cryptocurrencies, Modern payment systems and technologies	Industrial and pre-graduate practice, Writing and defending a thesis (project) or preparing and passing a comprehensive exam	<p><b>1. Knowledge acquired by students :</b> the procedure for assessing the profitability and liquidity of various types of derivatives; the procedure for determining the degree of investment risk and the effectiveness of investments in derivative securities; procedure for registering trust management operations; conditions for the creation of general banking management funds and regulation of their activities;</p> <p><b>2. Skills acquired by students :</b> draw up documents for the issue and sale of financial derivatives; calculate, process the accrual and payment of income (dividends, interest, discount) on financial assets</p> <p><b>3. Skills acquired by students and competencies:</b> possess methods and means of organizing exchange operations, analytical methods for determining the profitability of deviates</p>

- 1) Considered at a meeting of the Department of Business Administration, minutes No. \_\_7\_\_ dated 02/15/2023.
- 2) Discussed and recommended at a meeting of the academic committee of the ShBIT, minutes No. \_3\_\_ dated \_16.02. 2023
- 3) **The catalog of elective disciplines is agreed upon:**

No.	Agreed with employers (name of organization, position, full name)
1.	G LLP _ H. _ G. ", Director Zakarov N.K.
2.	NGO "Chamber of Tax Consultants" (experts), executive director Kuatbekov O.Zh.
3.	JSC Bereke Bank ", director of the branch Nurlan kzy G.

<b>4.</b>	Bolashak LLP Solutions " , Director Kasymov A.Zh.
<b>5.</b>	QazCake LLP , director Bakeshova G.G.

**Head of the department**\_\_\_\_\_ G.K. Bekbusinova

**Dean of the school** \_\_\_\_\_ R.A. Aimkulov