

ALIKHAN BOKEIKHAN UNIVERSITY

Faculty of information technology and economics

Department of Business and management

CATALOGUE OF ELECTIVE COURSES

6B04118 Finance

year of admission – 2022

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Reviewed and approved at the meeting of the Faculty's Educational and Methodological Council
Protocol no. _5_ of _20.05.2022_ year

Chairman of the UMS Faculty _____ Шойбакова Е.О.

Approved at the meeting of the Educational and Methodological Council of the University Pro-
tocol No. _5_ of _25.05.2022_ year

Chairman of the UMS of the University _____ Жарыкбасова К.С.



CATALOGUE OF ELECTIVE COURSES
2022 - 2023

Student's Memo

Dear student of "ALIKHAN BOKEIKHAN UNIVERSITY", a catalog of elective disciplines is offered to your attention. This is a systematic list of all optional academic subjects with a brief description. It is designed so that you can quickly, conveniently and comprehensively form an individual learning trajectory. This is an assistant in creating your own curriculum.

In accordance with the credit technology of education, all academic disciplines are divided into three cycles: general education disciplines (GED), basic disciplines (BD) and specialized disciplines (SD). Disciplines in each of these cycles are divided into types: mandatory component, university component and elective component (elective disciplines).

The disciplines of the compulsory component are determined by the state mandatory standard of higher education according to the educational program and are mandatory for students to study.

Disciplines of the elective component are presented according to the educational program at a meeting of the department with the participation of employers and students. From the entire list of elective courses offered, you can choose the most interesting ones.

The methodology for choosing elective courses using the catalog for inclusion in your individual curriculum is as follows:

1. Find the course and academic semester in the list.
2. Determine the number of credits in an elective subject issued from the structure of the educational program of higher education.
3. Carefully read the list of elective courses offered. Focus on combining academic subjects according to the selected courses. Only one subject can be selected from a group of elective courses.
4. Read a brief description of the elective courses you are interested in and make your choice.
5. Check whether the total number of credits for the courses you have chosen corresponds to the required amount of credit in accordance with the structure of the higher education program.
6. When choosing elective disciplines, use the help of an adviser.

№ course	Name of the discipline	Number of credits	Prerequisites	Postrekvizity	Brief description indicating the purpose of the study, executive summary, and expected results of the study (knowledge, skills, competencies.)
CYCLE OF BASIC DISCIPLINES					
Component of choice (CC)					
Module 8 Accounting and analytical module					
1	Statistics	5	Economic theory, Mathematics in Economics	Financial statistics/Banking statistics Fundamentals of economic analysis/ Functional-Value Analysis	<p>Content: the discipline forms knowledge of statistical methods of calculation and analysis of indicators, methods of statistical observation, sources of statistical information; the ability to generalize statistical information using methods of summarizing and grouping primary statistical data, calculate indicators, build tables and graphs, analyze indicators and draw conclusions; skills in methods of collecting and processing statistical information, calculating statistical indicators.</p> <p>Expected results: Know: sample observations, statistical methods for studying the dynamics of social phenomena, the subject and method of statistics, statistical observation, statistical summary and grouping, absolute and relative values, average values and indicators of variation, selective observation, series of dynamics, indices, statistical study of the relationships of social phenomena, statistics of population and labor resources, system of national accounts, main macroeconomic indicators, statistics of living standards of the population.</p> <p>Be able to: formulate the goals and objectives of statistical research; draw up statistical research programs, systematize and summarize economic information, analyze the structure and development trends of the Kazakhstani and world economies, forecast economic processes; collect and register information, carry out primary processing and control of observation materials, perform calculations of statistical indicators and formulate the main conclusions, carry out a comprehensive analysis of the studied socio-economic phenomena. apply acquired knowledge and possess skills: in practice;</p> <p>Skills: use of statistical information in the further development of general and special economic disciplines; application of statistical methods for the processing and analysis of quantitative and qualitative information on the development of socio-economic processes and phenomena.</p> <p>Competencies: economic, organizational and managerial.</p>
1	Socio-economic	5	Economic theory, Mathematics	Financial statistics/Banking sta-	<p>Content: the discipline studies the basics and the system of indicators of socio-</p>

	statistics		in Economics	<p>tistics Fundamentals of economic analysis/ Functional-Value Analysis</p>	<p>economic statistics, population and labor statistics, statistics of national wealth, costs and intermediate consumption, commodity and monetary circulation, price statistics, production efficiency statistics, basic macro-economic indicators, statistical study of the dynamics of socio- economic phenomena.</p> <p>Expected results: Know: the main methods of obtaining, processing, analyzing and visualizing information; statistical indicators and the technique of their calculation; normative acts of statistical information; Be able to: calculate statistical indicators in indices and generalize the results of observations on socio-economic phenomena; carry out a comprehensive analysis of the studied phenomena and processes; perform the necessary calculations and formulate conclusions; use in the work of special literature, reference material and computer technology. Skills: on the main provisions of economic statistics; on general rules and principles of statistical research and observations; about the nature of statistical aggregates; about ways to solve statistical indicators Competencies: economic, organizational and managerial.</p>
Module 6 Macro environment of the market					
2	Fundamentals of management and marketing	6	Fundamentals of market economy and entrepreneurship	<p>Financial management, Bankruptcy and reorganization of the enterprise/ Financial recovery of the enterprise</p>	<p>Content: the discipline forms knowledge of the basics of the management system, elements of management and marketing in the production system; economic and social aspects of the effectiveness of management and marketing; the ability to develop organizational goals; apply the knowledge gained in the learning process to make managerial decisions taking into account economic, social, technical and other factors; personal and team management skills.</p> <p>Expected results: Know: acquire knowledge in the field of management and marketing; use the complex of acquired knowledge to solve all marketing problems; determine the state of the economy, the real state of the company and its position in the market; Be able to: what is an enterprise as an object of marketing activities; what tasks of the firm's practical activities are solved within the framework of the marketing concept; Skills: to possess methods of economic analysis of the behavior of economic agents and markets in a global environment; Competencies: economic and organizational -managerial competencies</p>
2	Marketing-structure	6	Fundamentals of market economy	<p>Financial management, Bank-</p>	<p>Content: the discipline studies the structure of the market, i.e. all subjects of</p>

			and entrepreneurship	ruptcy and reorganization of the enterprise/ Financial recovery of the enterprise	<p>the economy and the relations between them, the system of relations of related institutions, services, enterprises operating within special markets and ensuring their normal functioning. The discipline studies all economic entities of the market, the relations between them, the needs of markets, the environment of the functioning of markets.</p> <p>Expected results:</p> <p>Know: evaluate the results of the company's marketing activities; the process of forming the market infrastructure in Kazakhstan.</p> <p>Be able to: analyze the results of marketing research of enterprises and financial organizations, how to manage internal processes with the help of marketing tools; to form students' knowledge about the features of the current stage of development of the economy of Kazakhstan.</p> <p>Skills: ability to use modern methods of corporate finance management to solve strategic problems, works are the main elements of the market infrastructure.</p> <p>Competencies: economic and organizational -managerial competencies</p>
Module 8 Accounting and analytical module					
3	Fundamentals of economic analysis	4	Economic theory, Statistics/ Socio-economic statistics	Financial analysis in the activities of a commercial bank/ Tax management, Analysis of financial and economic activities/ Financial analysis	<p>Content: the discipline forms knowledge of the basic concepts of economic analysis; methodological techniques of economic analysis; sources of information support for economic analysis; the ability to systematize information and methodological support and effectively apply it to solve standard analytical problems; interpret the results of analytical calculations and formulate conclusions obtained as a result of analytical processing of economic information.</p> <p>Expected results:</p> <p>Know: methodological principles of economic analysis; features of the method of economic analysis; content (main sections) of the analysis methodology; requirements for the initial information for analysis; the procedure for preparing analytical information;</p> <p>Be able to: correctly formulate an analytical problem; build multifactorial systems; apply methods for identifying the influence of factors on the change in the performance indicator; conduct research aimed at setting tasks for creating or improving an object, to find ways to perform functions.</p> <p>Skills: to systematize the main methods of economic analysis, to apply methods of complex assessments of the activities of economic entities and their divisions; interpret the calculation results, achieving the optimal ratio between the useful effect of the object and the total costs for its life cycle</p> <p>Competencies: economic and</p>

					organizational -managerial competencies
	Functional-Value Analysis	4	Economic theory, Statistics/ Socio-economic statistics	Financial analysis in the activities of a commercial bank/ Tax management, Analysis of financial and economic activities/Financial analysis	<p>Content: this discipline reveals the method of a comprehensive systematic study of the effectiveness of the organization's functions, its resources and cost accounting objects, and is also aimed at increasing (preserving) the functional usefulness of the object while minimizing the costs of its creation and operation. The main criterion is the ratio of consumer properties per unit of costs determined in a special way.</p> <p>Expected results:</p> <p>Know: methods and techniques of analytical calculations; the history of the development of the FSA in our country and abroad, the sequence of actions when carrying out work on the FSA, technology of work, basic methods, new forms of analysis, areas of its application.</p> <p>To be able to: solve the problems formulated at each stage of the FSA, to implement the received solutions.</p> <p>Skills: to systematize the main methods of economic analysis and the main tools of functional cost analysis, finding completely new technical solutions through the use of a functional approach; reducing the consumption of various types of resources by stages of the life cycle of an object due to the elimination or reduction of auxiliary and harmful (unnecessary) functions of the object.</p> <p>Competencies: economic and organizational -managerial competencies</p>
Module 11 Financial applied					
4	Finance	5	Economic theory, Money, credit and banks	Taxes and taxation/ The Tax law of the Republic of Kazakhstan, Insurance/ Risk management, Corporate finance, Manufacturing practice I	<p>Content: in the formation of students' modern fundamental knowledge in the field of finance theory, disclosure of theoretical aspects of the essence of finance, their functions, role in the modern market economy, modern theoretical concepts of public finance. In the process of studying the discipline, students should know the concepts and principles of the organization of finance, master the methodology of analyzing the financial condition. The role of finance is increasing in the conditions of developed market relations, since finance directly determines the process of formation and use of funds at macro and micro levels, which, in turn, provides the opportunity for the qualitative performance of economic and managerial functions by the state, organizations, entrepreneurs.</p> <p>Expected results:</p> <p>Know: know about financial instruments, know the basics of organizing and managing public finances, finances of business entities and financial institutions; terminology and concepts of activity of subjects of financial relations.</p> <p>Be able to: analyze and manage the activities of financial, investment markets,</p>

					<p>be able to analyze the cash flows of the state, business entities and financial institutions. Apply the conceptual and categorical apparatus in professional activities; search for information on the received task, collect, analyze data</p> <p>Skills: possess financial management skills to make decisions on the formation and use of financial resources at different levels of society. Methodology of currency research; modern methods of collection, processing and analysis of currency and financial and economic data</p> <p>Competencies: professional</p>
4	Global financial markets	5	Economic theory, Money, credit and banks	Taxes and taxation/ The Tax law of the Republic of Kazakhstan, Insurance/ Risk management, Corporate finance, Manufacturing practice I	<p>Content: the discipline is designed 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, to understand the architecture of the global financial market, to understand the interdependencies between different segments of the financial market, to assess the impact of events on the global financial market;</p> <p>Expected results:</p> <p>Know: the structure of the world monetary system and the patterns of its development; basics of construction, calculation and analysis of the system of currency indicators; the role of the exchange rate in the implementation of monetary policy and the development of the national economy.</p> <p>Be able to: use sources of economic, currency, financial information; analyze and interpret the data of domestic and foreign statistics on currency processes and phenomena, identify trends in changes in currency and financial and economic indicators.</p> <p>Skills: to identify factors contributing to the development of business and increase the competitiveness of domestic enterprises in world markets, the skills to extract the necessary information on economic and business problems; knowledge of the main instruments of the global foreign exchange market and the loan capital market</p> <p>Competencies: professional</p>
Module 11 Financial applied					
5	Insurance	4	Finance/ Global financial markets	Financial management	<p>Content: the discipline forms knowledge of the basics of insurance, reinsurance, co-insurance, types, forms of insurance, insurance products in the insurance market; the ability to analyze insurance statistics on the insurance market, insurance companies, use regulatory and legislative documents on insurance, conduct economic analysis of insurance transactions, skills in analyzing and calculating the main financial indicators of the insurer, assessing its financial stability.</p>

					<p>Expected results:</p> <p>Know: 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; economic essence of insurance; classification of industries and types of insurance; legal basis for insurance</p> <p>Be able to: analyze the insurance processes taking place in the country, use actuarial calculations in calculating tariff rates by type of insurance; calculate indicators of financial stability and solvency of the insurance company.</p> <p>Skills: use of finance in the system of social production, the state, organizations and foreign economic relations, the basics of insurance, the regulation of insurance activities, the use of theoretical knowledge to make the right practical decisions in the field of insurance, in analyzing the financial activities of insurance companies; in the calculation of the main indicators of insurance statistics; in determining insurance rates for various types of insurance; in the preparation and preparation of insurance documents.</p> <p>Competencies: special</p>
5	Risk management	4	Finance/ Global financial markets	Financial management	<p>Content: the discipline studies issues such as the concept of risks in economic activity, risk forming factors, general principles of risk analysis, risk management, ways to reduce risk, risk accounting in project financing, risk management organization. As a result of the study, the student must master the skills of analysis and assessment of financial risks and the level of possible financial losses in the event of risky events; -making effective decisions in the field of financial riskmanagement.</p> <p>Expected results:</p> <p>Know: methods of risk management, including in financial institutions, theoretical and practical foundations for building a risk management system in an enterprise; methodical methods of analysis and evaluation of non-financial risks; ways to reduce the risks of entrepreneurial activity; - modern aspects of risk management in the business environment.</p> <p>To be able to: apply quantitative and qualitative methods of analysis in making managerial decisions and build economic, financial, organizational and managerial models.</p> <p>Skills: analyze market and specific risks, use its results to make managerial decisions, assess the economic and social conditions and consequences of organizational and managerial decisions</p> <p>Competencies: special</p>
Module 13 Financing					

6	Financing and lending of the investment	5	Financial markets and intermediaries/ Consulting services	Administration of investment projects and decisions/ Evaluating the effectiveness of investment decisions	<p>Content: The discipline forms knowledge of the economic essence of investments and their structure, forms and methods of financing investment projects, the ability to draft, select funded projects for investment opportunities, assess credit risk for an investment project; skills in calculating project performance indicators, methods of assessing credit risk in project financing and investment lending, organizing the investment decision-making process.</p> <p>Expected results:</p> <p>Know: the essence and significance of investing; infrastructure of the investment market and the mechanism of its functioning; theoretical and methodological foundations of investment; functions of an investor and a participant in the investment market, the role of financial intermediaries in investing; essence of foreign investments and their necessity for the recipient country of capital; the mechanism of functioning of the investment market and the risks associated with investment; stages of formation of the investment strategy of the company; the concept of an investment project and its life cycle; essence of investment process monitoring</p> <p>Be able to: evaluate the attractiveness of the investment climate of the state and the region; determine the expediency for an investor of investing capital in financial and real assets; evaluate the possibilities of using investments in different directions.</p> <p>Skills: to develop a financial model of an investment project, a toolkit for assessing the economic efficiency of the implementation of an investment project; methods and means of developing and justifying investments in various projects.</p> <p>Competencies: special</p>
6	Islamic Finance	5	Financial markets and intermediaries/ Consulting services	Administration of investment projects and decisions/ Evaluating the effectiveness of investment decisions	<p>Content: the discipline forms knowledge about the main forms and methods of Islamic finance, the tools of Islamic finance, the experience of developed countries in the introduction of Islamic finance. It 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 basic mechanisms of ethical (Islamic) financing and prospects for the development of this industry in the Republic of Kazakhstan.</p> <p>Expected results:</p> <p>Know: the role and place of the Islamic financial banking system in the global economic System; the institutional structure of the Islamic financial system; the role and place of Islamic financial institutions in the global financial system;</p>

					<p>models of functioning of islamic financial systems in various countries; the role and place of the islamic legal system in the formation of a model for the functioning of the banking and para-banking system; forms of presence of Islamic commercial institutions in various countries; the structure of international operations of Islamic commercial and investment banks; features of these operations in the global market in comparison with the national level.</p> <p>Be able to: use knowledge within the discipline to analyze the development of the islamic banking system and the banking systems of individual countries; determine the direction of development of the islamic banking system; identify directions for reforming the regulation and principles of islamic banking supervision in a global context; analyze the dynamics of direction and the logic of the distribution of financial flows by type and between different countries, including islamic ones</p> <p>Skills: application of Islamic financial instruments for investing the activities of organizations, determine and evaluate the effectiveness of international operations of islamic banks in financial markets; to evaluate the effectiveness of activities, as well as risks in the international activities of Islamic banks and islamic financial institutions.</p> <p>Competencies: special</p>
Module 15 Fiscal policy					
7	Taxes and taxation	5	Finance/ Global financial markets, Fundamentals of market economy and entrepreneurship	Customs business/ Budget control, State budget/ Fiscal policy, Manufacturing practice II	<p>Content: the discipline forms knowledge in the field of taxes and taxation, principles of construction and elements of tax systems, the ability to use regulatory documents in the field of taxes, calculate taxes and fees paid by organizations and individuals, draw up payment documents for the transfer of taxes and fees to the budget; skills in calculating taxes and fees levied to the state budget.</p> <p>Expected results:</p> <p>Know: the economic nature and essence of taxes as a financial and economic category; legislative basis for the organization of the tax system of the Republic of Kazakhstan, types of tax regimes; elements of taxes, rules for the formation and calculation of tax liabilities; rules for developing an organization's accounting policy for tax purposes and organizing tax planning.</p> <p>Be able to: identify the elements of the tax, determine their place and role in the tax mechanism; calculate tax liabilities and keep records of income and expenses and performance results; analyze the tax indicators of the organization for making managerial decisions; analyze situational</p>

					<p>problems in the field of tax legal relations and find ways to solve them.</p> <p>Skills: draw up tax reporting and fulfill tax obligations to the state budget in accordance with the current fiscal policy, master the methods of calculating tax indicators and paying taxes; ways of forming the tax base for various taxes, accounting for income and expenses; the skills of interpreting economic information necessary for management decisions in the field of tax burden.</p> <p>Competencies: special</p>
7	The Tax law of the Republic of Kazakhstan	5	Finance/ Global financial markets, Fundamentals of market economy and entrepreneurship	Customs business/ Budget control, State budget/ Fiscal policy, Manufacturing practice II	<p>Content: to have a clear understanding of the basic concepts of tax law, tax and legal norms and tax relations; to know the characteristics of the current taxation system, the difference and relationship between taxes and other mandatory payments to the state budget and their characteristic features; to assimilate regulatory materials related to taxation and tax activities, as well as the problems of building the tax system of the state; understand the content of legal rights and obligations of subjects of tax legal relations, the mechanism of their interaction; to draw up and execute legal documents, to give qualified legal advice.</p> <p>Expected results:</p> <p>Know: the concept of tax, collection, other obligatory payments, the principles of taxation; legal basis for the functioning of the tax system of the Republic of Kazakhstan; norms of tax law and the mechanisms of their operation in the process of establishing and introducing taxes, their calculation and payment, the implementation of tax control; organizational and legal basis for the functioning of the tax system of Kazakhstan; composition of the system of tax liabilities; issues of legal regulation of the activities of bodies exercising tax control; the procedure for conducting on-site and cameral tax audits; types and grounds for bringing to responsibility for violations of tax laws; legal basis for protecting the rights and legitimate interests of participants in tax legal relations; the practice of applying normative legal acts in the process of fulfilling tax obligations.</p> <p>Be able to: analyze the legal content of the institutions of tax law; identify the content of acts of tax law and correctly apply their provisions in practical activities for the upcoming official assignment; carry out analysis and legal qualification of typical violations committed in the process of fulfilling tax obligations.</p> <p>Skills: draw up tax reporting and fulfill tax obligations to the state budget in accordance with the current fiscal policy, examination of payment and settlement documents used in the implementation of</p>

					financial and economic operations; verification of compliance with tax legislation in the course of activities of economic entities. Competencies: special
Module 16 Accounting					
8	1C accounting	5	Accounting and auditing	Financial monitoring/ Financial planning	<p>Content: the discipline studies a universal system of automation of the company's activities, designed for accounting and accounting operations; accounting of goods and material assets, settlements with counterparties, payroll, depreciation of fixed assets, accounting for any sections for the formation of high-quality and timely information about the financial and economic activities of the subject.</p> <p>Expected results: Know: the main types of accounting automation in enterprises. The technology of accounting in the software environment 1C: Accounting. Be able to: use automated accounting and reporting programs (1C-Accounting) to keep records of cash transactions. Maintain accounting and tax records, generate financial and regulated reports Skills: work in a typical configuration "Enterprise Accounting" of the "1C: Enterprise" system. Competencies: professional.</p>
8	Parus 8 accounting	5	Accounting and auditing	Financial monitoring/ Financial planning	<p>Content: the discipline studies a software product for automating the activities of public and budgetary sector organizations, compiling business accounting, calculating and calculating salaries, maintaining the necessary regulatory and reference information (budget classification codes) for personnel management and business processes, forming regulated reporting of budgetary and state institutions.</p> <p>Expected results: Know: the basic terminology of the beginning and end of the system, setting parameters, the formation, accounting and reflection in the accounts of budgetary accounting, banking documents. Be able to: use automated accounting and reporting programs to keep records of cash transactions. launch the "administrator" application; set the current date, general system settings, register business transactions, close the accounting period. Skills: work with counterparties, bank and cash documents, registration of business transactions on an extract from a personal account in the treasury. Competencies: professional.</p>
Module 15 Fiscal policy					
9	Securities market	5	Money, credit and banks, Financial markets and intermediaries/ Consulting	International monetary and financial relations/ Financial control and audit	<p>Content: the discipline studies a software product for automating the activities of organizations of the state and budget sector, compiling a business process for accounting, calculating and calculating wages,</p>

			services		<p>maintaining the necessary normative reference information (budget classification codes) for personnel management and business processes, forming regulated reporting of budget and state institutions</p> <p>Expected results:</p> <p>Know: normative legal documents regulating the issuance and circulation of securities, the activities of credit institutions in the securities market as issuers, investors and professional participants; the procedure for paying income on equity and debt equity securities; the procedure for calculating and paying income on the bank's own securities (dividends, interest, discount);</p> <p>Be able to: show knowledge, analyze and manage the activities of financial, investment markets and the securities market, advise clients on the terms of circulation and redemption of their own securities, on the types and conditions for the provision of intermediary services in the securities market, on the risks of investing funds in securities;</p> <p>Skills: draw up documents for the issuance and sale of bank securities; calculate, formalize the accrual and payment of income (dividends, interest, discount) on the bank's securities;</p> <p>Competencies: special</p>
9	Stock exchange business	5	Money, credit and banks, Financial markets and intermediaries/ Consulting services	International monetary and financial relations/ Financial control and audit	<p>Content: the discipline forms knowledge about the essence, functions, and history of the development of the exchange business in Kazakhstan. While studying this course, students will gain the knowledge and skills necessary to assess the value and profitability of financial instruments and learn how to analyze securities and derivative financial instruments.</p> <p>Expected results:</p> <p>Know: the procedure for assessing the profitability and liquidity of various types of securities; the procedure for determining the degree of investment risk and the effectiveness of investments in securities; procedure for registration of trust management operations; conditions for the creation of general funds of banking management and the regulation of their activities;</p> <p>Be able to: show knowledge, analyze and manage the activities of financial, investment markets and the securities market; draw up documents on the issue and sale of bank securities; calculate, formalize the accrual and payment of income (dividends, interest, discount) on the bank's securities;</p> <p>Skills: master the methods and means of organizing exchange operations, analytical methods to determine the effectiveness of activities</p> <p>Competencies: special</p>

Module 14 Financial and analytical module					
10	Financial statistics	4	Statistics,Socio-economicstatistics	Analysis of financial and economic activities/ Financial analysis	<p>Content: the discipline forms knowledge about the subject and methods of financial statistics, the content of state budget statistics, statistics of financial reserves of enterprises and branches of the national economy, statistical indicators of financial reserves in industry, financial results in the sectors of commodity circulation of public product, the content of money circulation statistics, banking statistics, securities statistics, insurance statistics, currency statisticscourses.</p> <p>Expected results: Know: methods for calculating economic and socio-economic indicators based on standard methods, taking into account the current regulatory framework. Be able to: draw up statistical reports on the activities of financial and banking organizations, choose tools for processing economic data in accordance with the task, analyze the results of calculations and justify the conclusions; analyze and interpret domestic and foreign statistics on socio-economic processes and phenomena, identify trends in socio-economic indicators; Skills: use of modern technical means and information technologies for solving analytical and research problems. Competencies: special</p>
10	Banking statistics	4	Statistics,Socio-economicstatistics	Analysis of financial and economic activities/ Financial analysis	<p>Content: the discipline forms theoreticalapproaches, mechanisms and methods of application and collection of statistical indicators, the subject and objectives of banking statistics. Forms a system of statistical indicators of money circulation, macroeconomic indicators, based on statistical methods of analysis and forecast of money supply and money circulation.</p> <p>Expected results: Know: methods for calculating economic and socio-economic indicators based on standard methods, taking into account the current regulatory framework. Be able to: draw up statistical reports on the activities of financial and banking organizations; collect the necessary data, analyze them and prepare an information review and / or analytical report. Skills: use of modern technical means and information technologies for solving analytical and research problems. Competencies: special</p>
Module 14 Financial and analytical module					
11	Big Data and businessanalytics	4	Financial analysis in the activities of a commercial bank/ Tax management	Financial management , Analysis of financial and economic activities/ Financial analysis	<p>Content: during the course, the student must: be able to formulate and solve problems arising in the course of production activities that require in-depth professional knowledge; choose the necessary approaches and methods of problem analysis, as well as modify existing and develop new ones,</p>

					<p>depending on the tasks of a particular case; analyze and design software tools for data analysis, as well as algorithms, models and the methods required for the development of software systems, effective data analysis and extraction of knowledge from data; apply quantitative and qualitative methods and techniques to collect primary information for research, as well as to develop effective solutions to problems.</p> <p>Expected results:</p> <p>Know: knowledge of data collection, analysis and storage; methodology, theory and practice of business intelligence, master the basic principles and modern approaches to data analysis, models and work with data processing and analysis tools.</p> <p>Be able to: process cloud computing data that can significantly reduce information technology infrastructure costs (in the short and medium term) and respond flexibly to changing computing needs using the elastic computing properties of cloud services.</p> <p>Skills: possession of modern information technologies and programs, the result of the analysis of reporting in the process of substantiating the organization's development strategy.</p> <p>Competencies: professional.</p>
11	Cloud computing services	4	Financial analysis in the activities of a commercial bank/ Tax management	Financial management, Analysis of financial and economic activities/ Financial analysis	<p>Content: during the course, the student should know the network models of cloud services and the design features of cloud architectures. Manage and store data. Design cloud solutions and calculate their cost. Define the stages of transition to a multi-tenant, dedicated, customizable, multi-tenant architecture. Create models for the organization of a multi-tenant data warehouse.</p> <p>Expected results:</p> <p>Know: knowledge of data collection, analysis and storage; IBM cloud solution implements IaaS, SaaS, PaaS models within not only public, but also private and hybrid clouds.</p> <p>Be able to: cloud computing data that can significantly reduce information technology infrastructure costs (in the short and medium term) and respond flexibly to changing computing needs using the elastic computing properties of cloud services.</p> <p>Skills: possession of modern information technologies and programs, skills in using types of cloud computing, the main types of cloud services and their advantages, which help companies solve complex problems in the digital age</p> <p>Competencies: professional.</p>
Module 17 Fundamentals of enterprise management					
12	Professional values and ethics of the	5	Money, credit and banks, Corporate finance	Financial monitoring/ Financial planning,	<p>Content: the discipline forms knowledge of ethical norms of behavior in various conditions and circumstances, the</p>

	financier			Manufacturing practice III	<p>main models of moral behavior and communication of financiers and their manifestations in professional activity; the ability to build interpersonal relationships in the business sphere, organize business events, prevent conflicts, skills of conducting business conversations, negotiations with a high level of psychological culture and managerial decision-making.</p> <p>Expected result:</p> <p>Know: historical, philosophical and socio-cultural traditions of the formation of ethics as a science; the structure and main functions of modern professional ethics; the essence of morality and its interpretation in various ethical theories; the specifics of the manifestation of moral values in professional activities, in the family and everyday life; forms and norms for the implementation of business etiquette in professional activities.</p> <p>Be able to: justify their spiritual, moral and life positions; affirm the principles of justice, freedom and responsibility in the performance of their professional and civic duty; improve their moral qualities; use the principles and methods of professional ethics to evaluate various social and professional phenomena and processes; reasonably express their views and judgments on the problems of professional ethics; apply the norms and rules of business etiquette in professional activities.</p> <p>Skills: to show communication skills, by mastering the norms of behavior in professional activities, independent work with literature and other sources on the theory and practice of professional ethics and etiquette; opposition, dialogue and discussions on the content of moral values in professional ethics; compiling a moral characterization of the personality of a business partner.</p> <p>Competencies: special</p>
12	Ethics of business communication	5	Money, credit and banks, Corporate finance	Financial monitoring/ Financial planning Manufacturing practice III	<p>Content: the discipline studies modern speech etiquette, norms of literary language, methods of text modeling, requirements for the construction of the main compositional parts of speech, logical organization of speech; according to the results of studying the discipline, the student is able to conduct a constructive dialogue, speak publicly, build his speech in accordance with the communication situation, use rhetorical techniques in various communication situations, apply methods of keeping the audience's attention.</p> <p>Expected result:</p> <p>Know: the current state of the theory of organizational behavior and trends in its development; the basics of personal development in the organization; factors of</p>

					<p>group behavior in the structures of state and municipal government; features of communicative behavior in state organizations and local government organizations; principles of effective team formation; general approaches to the formation of the organizational culture of civil servants;</p> <p>Be able to: carry out a scientific analysis of the phenomena and processes of social practice; direct organizational behavior to solve professional problems; to form and improve the organizational culture in the structures of state and municipal government.</p> <p>Skills: to show communication skills, by mastering the norms of behavior, as well as the norms of behavior in professional activities, analysis of relationships in a professional group; building interpersonal relationships; solving real behavioral problems; management of the behavior of the individual and the group to improve the efficiency of the organization.</p> <p>Competencies: special</p>
Module 17 Fundamentals of enterprise management					
13	Bankruptcy and reorganization of the enterprise	5	Corporate finance, Fundamentals of management and marketing/ Market infrastructure	Financial monitoring/ Financial planning	<p>Content: the discipline forms knowledge of the basic bankruptcy procedures, systems of regulatory legal acts regulating the consideration of insolvency cases; the ability to assess the anti-crisis situation of the enterprise, differentiate the requirements for the consideration and resolution of insolvency cases, navigate the legislation regulating the procedure for the consideration of bankruptcy cases of the enterprise, the skills of making the right financial decisions in various areas of the enterprise.</p> <p>Expected results:</p> <p>Know: the theory and practice of bankruptcy of a corporation in a market economy, the features of the reorganization of corporations of various forms of ownership and management; motives and mechanisms for the implementation of mergers and acquisitions</p> <p>Be able to: navigate the legislation governing the procedure for considering bankruptcy cases of an enterprise, assess the anti-crisis situation of a corporation; evaluate the effectiveness of transactions for the transfer of corporate control; analyze various factors and indicators of the company's operating and financial activities that affect the M&A strategy;</p> <p>Skills: making the right financial decisions in an unstable economy in various areas of the corporation's functioning estimates of the company's value to determine the feasibility of concluding a specific M&A transaction; using the basics of legal, tax and accounting aspects of mergers and acquisitions; application of</p>

					managerial decisions, assessment of their possible consequences and bear responsibility for them; Competencies: special.
13	Financial recovery of the enterprise	5	Corporate finance, Fundamentals of management and marketing/ Market infrastructure	Financial monitoring/ Financial planning	<p>Contents: this discipline studies the economic foundations of the financial recovery of enterprises; technologies for restructuring with an increase in the scale of activities; SWOT-analysis of restructuring models, complex diagnostics of the enterprise; risk analysis of restructuring models; restructuring planning for different stages of development; restructuring of assets and liabilities of the enterprise; management of mergers and acquisitions of enterprises.</p> <p>Expected results: Know: sources of value creation and destruction in transactions of horizontal, vertical integration and corporate expansion; features of company valuation in international M&A and be able to apply them in practice. Be able to: analyze various ways of restructuring a company, evaluate the appropriateness of their use in each specific situation. Skills: own the methods of calculating financial stability, solvency in order to determine the likelihood of bankruptcy, overcome the insolvency of organizations and financial recovery of enterprises; set, broadcast legal and ethical standards in professional and social activities; use of specific methods and tools for building financial models; use of methods, techniques and techniques for presenting results; communications for the presentation of restructuring strategies using specific methods of situation analysis. Competencies: special</p>
Module 17 Fundamentals of enterprise management					
14	Analysis of financial and economic activities	4	Financial analysis in the activities of a commercial bank/ Tax management, Financial statistics/ Banking statistics, BigData and Business Analytics/ Cloud Computing Services, Fundamentals of economic analysis/ Functional and cost analysis	Financial monitoring/ Financial planning, Manufacturing practice III	<p>Content: the discipline forms knowledge and skills of data analysis based on the results of financial categories and coefficients (liquidity, financial stability, profitability, turnover, risk and profitability, value added (economic, market, equity) cost of equity and debt capital, leverage, evaluation of an investment project and the cost of capital and the company, the choice of tools for processing and analysis of the collected economic data in accordance with the task, analyze the results of calculations and substantiate the conclusions.</p> <p>Expected results: Know: the essence of the main economic phenomena and processes that make up the content of the economic activity of the enterprise, their relationship and interdependence; modern methods of economic research of the economic activity of enterprises, which are used at different</p>

					<p>stages and directions of its complex analysis, including methods of factor analysis, functional cost analysis, marginal analysis; subject relationships of the theory of economic analysis with economic theory, management, finance, statistics, accounting.</p> <p>Be able to: analyze the financial and economic activities of the enterprise, including own methods for calculating financial stability, select a methodology and carry out analytical calculations based on accounting, statistical and operational accounting data; evaluate the results of the enterprise, taking into account earlier decisions; determine the causes and factors affecting the economic performance and financial condition of the enterprise. Identify reserves for improving the efficiency of the enterprise and develop practical recommendations based on them. analyze the financial condition of an economic entity; analytically process financial statements in order to make management decisions and obtain an assessment of the effectiveness of the functioning of the organization (enterprise); calculate and correctly evaluate the value of financial ratios characterizing the financial condition of the organization (enterprise); identify internal reserves to strengthen the financial condition of the analyzed entity; independently choose the best option for solving economic and financial situations; make reasoned conclusions and proposals based on the results of the analysis done in order to improve the efficiency of the organization (enterprise);</p> <p>Skills: concepts of analysis of financial and economic activities of enterprises; methods of analysis of financial statements and financial forecasting; methods for assessing current and future financial flows; methods of management and evaluation of the capital structure.</p> <p>Competencies: special</p>
14	Financial analysis	4	Financial analysis in the activities of a commercial bank/ Tax management, Financial statistics/ Banking statistics, BigData and Business Analytics/ Cloud Computing Services, Fundamentals of economic analysis/ Functional and	Financial monitoring/ Financial planning, Manufacturing practice III	<p>Content: the discipline forms the knowledge and skills of analyzing the profitability of the enterprise, the dynamics and structure of the enterprise's property and the sources of their formation, liquidity and solvency, financial stability, business activity, results of financial and economic activity, profitability, insolvency of the enterprise and entrepreneurial risk. As well as the skills of data analysis in accordance with the task and evaluation of the results of financial analysis.</p> <p>Expected results:</p> <p>Know: techniques and methods of financial analysis, scientific foundations of financial analysis; content, purpose, objectives, methods and techniques of</p>

			cost analysis		<p>financial analysis in organizations (enterprises); sources of analytical information; a system of absolute and relative financial indicators characterizing the availability, placement and efficiency of the organization's (enterprise's) financial resources; method of express analysis and in-depth financial analysis.</p> <p>Be able to: analyze the financial and economic activities of the enterprise, use analysis techniques, practical skills in calculating and evaluating the main indicators of the enterprise, identifying reserves and developing measures to improve the economic mechanism.</p> <p>Skills: carrying out analytical procedures and generalizations in their future scientific or practical activities; practical application of financial analysis of companies' activities and Possess skills: methods of calculation and analysis of retail, wholesale, prices.</p> <p>Competencies: special</p>
Module 18 Financial management					
15	Customs business	5	Taxes and taxation/ The Tax law of the Republic of Kazakhstan, State budget/ Fiscal policy	Final certification	<p>Content: the discipline forms the knowledge of the conceptual apparatus in the field of customs affairs; customs service structures; the ability to choose suppliers taking into account preferential customs regimes, use preferential customs regimes, design safe supply chains; analyze shipping documents, fill out a customs declaration, skills to identify, prevent and suppress administrative offenses and crimes in the field of customs.</p> <p>Expected results:</p> <p>Know: procurement legislation and its control, principles and methods of monitoring and auditing in the field of procurement of goods, works and services, in the functions, rights and obligations of state governing bodies and local self-government bodies responsible for legal regulation and control in the budget system;</p> <p>Be able to: monitor, audit and control in the field of procurement of goods, works and services, apply methods and forms of budgetary control; use financial documents for budgetary control;</p> <p>Skills: analyze shipping documents, fill out a customs declaration, be able to work with legislation in the field of procurement of goods, works and services, professional qualities of a specialist in the field of organizational and managerial, administrative, information and analytical, research and project activities in the context of managing the procurement system goods, works, services.</p> <p>Competencies: special</p>
15	Budget control	5	Taxes and taxation/ The Tax law of the Re-	Final certification	<p>Content: the discipline forms knowledge in the field of: legal regulation of budget control, specifics of the main</p>

			public of Kazakhstan, State budget/ Fiscal policy		<p>methods of supervision, monitoring, audits, verification of other methods of budget control, organization of work of budget control bodies for the preparation and conduct of control procedures, maintaining the procedure for registration of the results of implementation controls.</p> <p>Expected results:</p> <p>Know: about the system of responsibility for violation of the legislation regulating interbudgetary relations;</p> <p>Be able to: systematize, generalize regulatory information on the activities of financial institutions and economic entities for use in professional, including entrepreneurial activities, use financial reporting for the purpose of conducting control measures; determine the types of violations of the budget legislation and the measures of responsibility for these violations.</p> <p>Skills: summarize modern problems of organizing and conducting budgetary control; to formulate their own opinion on the studied modern problems in the field of budget control</p> <p>Competencies: special</p>
Module 18 Financial management					
16	Financial law	3	Fundamentals of law and anti-corruption culture, Administration of investment projects and decisions/ Evaluating the effectiveness of investment decisions	Final certification	<p>Content: the discipline forms knowledge of the fundamentals of the financial activity 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; financial structure; financial management; financial planning; financial control; financial and legal liability, operating in the Republic of Kazakhstan.</p> <p>Expected results:</p> <p>Know: the concept of finance and financial activities; legal basis for the financial activities of the Republic of Kazakhstan; financial and legal norms and mechanisms of their action in the process of financial activities of the formation, distribution and use of centralized and centralized funds of the state and municipalities; organizational and legal foundations of financial control in the Republic of Kazakhstan;</p> <p>Be able to: 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 practical activities for the upcoming official assignment;</p> <p>Skills: to systematize, generalize legal and regulatory information on the activities of financial institutions and economic entities for use in professional,</p>

					including entrepreneurial activities. examination of payment and settlement documents used in the implementation of financial and economic operations in commercial and budgetary institutions subordinate to the authorities of the Republic of Kazakhstan Competencies: special
16	Business Law	3	Fundamentals of law and anti-corruption culture, Administration of investment projects and decisions/ Evaluating the effectiveness of investment decisions	Final certification	Content: the discipline studies business law, principles of business law, legal features of the creation, reorganization and liquidation of business entities, state regulation of business activity, features of the protection of the rights of entrepreneurs and the resolution of economic disputes, legal regulation of exchange activities, investment activities, foreign economic activity and a simple partnership joint venture agreement, consortium. Expected results: Know: composition of the budget system and stages of the budget process; issues of legal regulation of state revenues and expenditures; the procedure for budgetary financing; legal bases of monetary circulation, crediting and settlements; forms, types and methods of financial control, as well as the competence of the bodies exercising it in the Republic of Kazakhstan; Be able to: systematize, generalize legal information on the activities of financial institutions and economic entities for use in professional, including entrepreneurial activities, analyze and legally qualify typical violations of accounting, tax and cash management discipline. Skills: examination of payment and settlement documents used in the implementation of financial and economic operations in commercial and budgetary institutions subordinate to the authorities of the Republic of Kazakhstan Competencies: special
PROFILING DISCIPLINES					
Optional components (OC)					
Module 12 Financial intermediary					
1	Financial markets and intermediaries	5	Money, credit and banks, Economic theory	Securities market/ Stock exchange business, Financing and lending of the investment/ Islamic Finance	Content: the discipline forms knowledge of financial market structures; principles and methods of organization and management of financial markets, financial market instruments; skills to analyze the activities of financial market participants, evaluate financial instruments; determine the risk structure of a financial institution; skills to analyze the activities of financial and credit institutions in the context of changes in capital markets, fundamentals of macroeconomic analysis of financial markets. Expected results: Know: about the essence of financial intermediation; about the possibilities and

					<p>purpose of financial market instruments; on the purpose and functions of individual segments of the financial market; about the main financial institutions, the services they offer, pricing methods, their management styles, strategies for effective operation in domestic and international financial markets;</p> <p>Be able to: analyze and manage the activities of financial, investment markets, analyze the activities of financial intermediaries, professional participants in financial markets; analyze the current state of financial markets</p> <p>Skills: analysis of financial instruments, be competent in the financial market and its segmentation features; analysis and use of financial instruments.</p> <p>Competencies: special</p>
1	Consulting services	5	Money, credit and banks, Economic theory	Securities market/ Stock exchange business, Financing and lending of the investment/ Islamic Finance	<p>Content: the discipline studies the application of rules for the registration of sole proprietors and LLP, accounting and tax accounting under a simplified and generally established regime, filling out a declaration, generating statistical reports of an enterprise, drafting design estimates and rendering services in the preparation of business plans, filling out and forming annual financial reports, consulting in management, financial and economic activities.</p> <p>Expected results:</p> <p>Know: modern technologies of management consulting, stages of this process, with specific approaches, methods and procedures; information regarding educational and consulting services, innovative processes in the organization</p> <p>Be able to: use management methods to analyze the problems of corporate governance and management situations; choose and consciously apply methods of research and analysis of corporate processes in specific situations; apply the recommendations received in the course of management consulting to regulate the corporate governance environment</p> <p>Skills: design secure supply chains; analyze shipping documents, the ability to design an organizational structure, distribute powers and responsibilities on the basis of their delegation</p> <p>Competencies: special</p>
Module 12 Financial intermediary					
2	Banking	5	Money, credit and banks	Modern banking technologies/ Leasing and leasing operations, Manufacturing practice II	<p>Content: the discipline forms knowledge in the organizational and legal foundations of the functioning of the banking system, the procedure for conducting banking operations, analyze the structure of the balance sheet of banks of the first and second level, calculate the amount of interest payments on deposits and deposits, assess the creditworthiness of individuals and legal entities; possess skills</p>

					<p>in working with banking documentation, assessing liquidity and risks based on prudential standards of the bank.</p> <p>Expected results:</p> <p>Know: the economic and legal basis for the activities of a commercial bank in market conditions; classification and essence of active and passive banking operations; the essence and significance of the economic standards of banking; basic mechanisms of banking management.</p> <p>To be able to: perform operations on the formation of own and borrowed funds of credit organizations, assess their structure; justify the choice of a mechanism for lending to legal entities and individuals; calculate and assess 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 an individual and a legal entity in conjunction with the choice of a lending mechanism; 6 evaluate the quality of the bank's assets and its main portfolios (credit, securities, participation); draw up conclusions and analytical lists.</p> <p>Skills: organize the activities of banking organizations, including banking services, to meet the needs of customers in emergency situations and remote service using modern banking technologies; modern technologies for banking operations; skills in conducting analytical work, organizing and managing banking activities in a market economy based on international and domestic experience..</p> <p>Competencies: special</p>
2	Bank management	5	Money, credit and banks	Modern banking technologies/ Leasing and leasing operations, Manufacturing practice II	<p>Content: the discipline forms knowledge of the essence of banking management and marketing, methods of implementing banking marketing for legal entities and individuals; development of decision- making in management; the ability to distinguish between banking management and marketing, analyze the processes and phenomena of banking management and marketing; carry out market segmentation using techniques; possess the skills to evaluate banking products on the market.</p> <p>Expected results:</p> <p>Know: to reveal the basics of the organization of banking management, its essence; to study the principles of building a bank management system, the formation of banking policy; the effectiveness of the organization and management of the bank in a constantly changing environment; reveal the role and place of the system of planning the bank's activities, analysis, regulation and supervision; consider the specifics of management and evaluation of banking</p>

					<p>management; consider quality management based on marketing principles and technologies.</p> <p>Be able to: analyze statistical materials on money circulation, the state of the banking system; management system of banking and banking personnel, principles of organization of banking activities, the procedure for the formation of banking policy, methods of managing equity capital, assets and liabilities of the bank.</p> <p>Skills: analyze production improvement concepts; develop a banking policy and banking strategy in certain areas of the bank's activities, identify risks in banking operations, identify management errors, calculate the profitability and profitability of the bank.</p> <p>Competencies: special</p>
Module 12 Financial intermediary					
3	Financial analysis in the activities of a commercial bank	6	Fundamentals of economic analysis/ Market infrastructure	Analysis of financial and economic activities/ Financial analysis, Big Data and business analytics/ Cloud Computing Services	<p>Content: the discipline forms knowledge of techniques, methods of collecting, analyzing and processing data necessary for solving analytical problems; the ability to analyze and interpret information contained in accounting, financial and statistical reports of credit institutions; skills of riskassessment and minimization, preparation of motivated analytical justification and management decision- making based on financial statements of credit institutions.</p> <p>Expected results:</p> <p>Know: the essence of a commercial bank and the basic principles of its activities, forms of ownership, features of the organizational structure, classification of commercial banks, features of reorganization, expansion and liquidation of a commercial bank; the procedure for the formation and direction of increasing the bank's own capital, the functions performed by it and the main structural elements; features of banking operations, transactions and services; principles of conducting and forms of non-cash payments;</p> <p>Be able to: analyze the financial and economic activities of the enterprise, including own methods for calculating financial stability, solvency, analyze indicators characterizing the state of equity and its role in ensuring the stability of the bank, the state and efficiency of the bank deposit base, economic indicators characterizing the quality of the bank's loan portfolio and the level of creditworthiness of bank borrowers, the level of bank liquidity; analyze and interpret the data of domestic and foreign statistics, reflecting the influence of various factors on the process of raising funds and lending in the bank, the state of liquidity in the banking market of the Republic of Kazakhstan and abroad.</p>

					<p>Skills: organize the activities of banking organizations, including banking services, to meet the needs of customers in emergency situations and remote service using modern banking technologies; work with regulatory documents regulating the activities of credit institutions; modern methods of collecting, processing and analyzing economic data that characterize the trends in the development of banking activities, including in the context of globalization of the financial market and current financial instability; conditions and volumes of loans provided by commercial banks and the Bank of Kazakhstan.</p> <p>Competencies: special</p>
3	Tax management	6	Fundamentals of economic analysis/ Market infrastructure	Analysis of financial and economic activities/ Financial analysis, Big Data and business analytics/ Cloud Computing Services	<p>Content: the discipline studies a complex of theoretical knowledge in the field of tax management and represents tax management carried out by taxpayer organizations in the macroeconomic environment in which they realize their production capabilities. Tax management is one of the types of management. The task of a tax manager is to anticipate changes in the country's tax policy, the legislative framework of taxation and evaluate them.</p> <p>Expected results:</p> <p>Know: know tax accounting, the concept of tax management, ways to optimize tax payments, different taxation systems, the conditions for their application</p> <p>To be able to: plan tax payments both during the establishment of the organization and during its functioning, draw up a calendar of tax payments, choose forms of agreements that contribute to tax optimization.</p> <p>Skills: the study of this course contributes to the preparation of qualified specialists who have theoretical knowledge and are able to apply it in practical work.</p> <p>Competencies: special</p>
Module 15 Fiscal policy					
4	State budget	5	Taxes and taxation/ The Tax law of the Republic of Kazakhstan	Customs business/ Budgetary control	<p>Content: the discipline forms knowledge of the economic essence of the state budget, the budget system and classification, the content of budget revenues and expenditures, the ability to analyze the preparation and execution of the budget; predict tax revenues; allocate budget expenditures to certain areas of the state; skills to assess the effectiveness of budget investments, choosing the optimal way to finance budgets, budget expenditure allocation and forecasting tax revenues.</p> <p>Expected results:</p> <p>Know: the basics of organizing the budget process 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 problems in the public sector, the</p>

					<p>basics of building, calculating and analyzing indicators that characterize the effectiveness of the budget system.</p> <p>Be able to: calculate receipts and expenditures according to the budget classification (functional group, function, subfunction, institution, program, subprogram, category, class, subclass and specifics);</p> <p>Skills: plan and manage public finances; evaluation of the effectiveness of budget investments; choosing the most optimal way of financing budgets; allocate budget expenditures for education; predict tax revenues.</p> <p>Competencies: special</p>
4	Fiscal policy	5	Taxes and taxation/ The Tax law of the Republic of Kazakhstan	Customs business/ Budgetary control	<p>Content: this discipline studies the basics of the state's fiscal policy, the role of taxes in the formation of the revenue side of the budget, the state's policy in the field of budget expenditures, the management of state budget funds, the fiscal policy of the state, indicators of the effectiveness of the fiscal policy of the state.</p> <p>Expected results:</p> <p>Know: the content of the documentation and the principles of organization of the state planning system of the Republic of Kazakhstan; system of budgeting and budgetary relations of the Republic of Kazakhstan; the essence and content of the results-based budgeting process.</p> <p>Be able to: draw up tax reporting and fulfillment of tax obligations to the state budget in accordance with the current fiscal policy, analyze the external and internal planning object; correctly understand and work with the documentation of the state planning system.</p> <p>Skills: legal literacy in the organization of the budget process and the organization of the budget system of the Republic of Kazakhstan; the basics of the results-based budgeting process; basic knowledge of mechanisms and tools to ensure monitoring, development, execution of the budget and budget reporting.</p> <p>Competencies: special</p>
Module 17 Fundamentals of enterprise management					
5	Administration of investment projects and decisions	3	Financing and lending of the investment/ Islamic Finance	Financial law/ Business law	<p>Content: the discipline forms knowledge in the field of management of investment projects, changes and risks of projects; the ability to calculate and evaluate the effectiveness of an investment project, its risks; substantiate a business idea and model of an investment project; develop a financial model of an investment project; skills of investing and choosing cost-effective projects; identify economic problems in the analysis and suggest ways to solve them solutions.</p> <p>Expected results:</p>

					<p>Know: the methodology for organizing the collection, processing, analysis and systematization of statistical, scientific, legal and other information on the innovative development of economic systems. To know the basic methods and means of solving problems within the framework of the ongoing research, 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>Be able to: choose methods and means of solving problems that are adequate to the goals of the study. Be able to structure reports, reviews, publications, determine the logic of their presentation, draw up 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>Skills: to substantiate a business idea and a model of an investment project; develop a financial model for an investment project. Have experience in conducting research in the subject area. Have the skills to generate reports, reviews, publications based on the results of research.</p> <p>Competencies: special.</p>
5	Evaluating the effectiveness of investment decisions	3	Financing and lending of the investment/ Islamic Finance	Financial law/ Business law	<p>Content: the discipline studies the subject, the content of evaluation of investment decisions, its goals and objectives, cash flows and outflows of an investment project, evaluation of investment efficiency and justification of the project, selection of investment projects with a limited budget, financial analysis of investment projects, analysis of financial and economic risks, indicators of commercial, budgetary and economic efficiency.</p> <p>Expected results:</p> <p>Know: algorithms for constructing cash flows and ways to account for risks. The concept of external and internal sources of financing; Investment tools; Indicators for evaluating the investment attractiveness of projects.</p> <p>Be able to: find appropriate discount rates; build the simplest models for evaluating the effectiveness of IP; calculate IP performance indicators; use a computer in solving practical problems of assessing the effectiveness of IP</p> <p>Skills: to substantiate a business idea and a model of an investment project; to develop a financial model of an investment project, the skills of using modern mathematical tools for solving problems of assessing the effectiveness of investment projects; a methodology for constructing, analyzing and applying and interpreting the results of the analysis of</p>

					mathematical models for evaluating the effectiveness of investment projects. Competencies: special.
Module 18 Financial management module					
6	International monetary and financial relations	6	Macroeconomics, Securities market/ Stock exchange business	Final certification, Manufacturing practice III	<p>Content: the discipline forms knowledge of the main elements of the world and national monetary system, trends in the development of international monetary and financial relations; the ability to apply legislative and regulatory documents in the field of currency regulation; to choose the form of international settlements; to identify trends in the development of international monetary and financial relations; skills to assess the effectiveness of foreign economic transactions and the formation of a strategy of behavior in the foreign exchange market.</p> <p>Expected results:</p> <p>Know: the main forms of international payments; - issues of maintaining foreign currency accounts of individuals and legal entities; the main currency transactions, the specifics of their conduct and effective implementation.</p> <p>Be able to: carry out settlement and cash services for customers, interbank settlements, settlements for export-import transactions; open, maintain and close various accounts of individuals and legal entities in the currency of the Republic of Kazakhstan and foreign currency; carry out conversion operations on customer accounts</p> <p>Skills: identify trends in the development of international monetary and financial relations; design secure supply chains; own the methods of settlement and cash services for clients, interbank settlements, settlements for export-import transactions.</p> <p>Competencies: special.</p>
6	Financial control and audit	6	Macroeconomics, Securities market/ Stock exchange business	Final certification, Manufacturing practice III	<p>Content: the discipline studies specific tasks of financial control and audit carried out by public authorities, as well as specialized audit organizations. Introduces the methodology of all forms of state financial control. Particular attention is paid to the performance audit, which is a promising and difficult area of state financial control to implement.</p> <p>Expected results:</p> <p>Know: legislation in the field of state financial control; competence of financial control bodies; stages and specifics of the audit; the difference between revision and audit;</p> <p>Be able to: select various methods for assessing short-term assets, choose financial leverage to increase the income of organizations; draw up an audit plan and program in the public sector; use the terminology of the auditor and the auditor.</p> <p>Skills: organizing and conducting</p>

					audits in financial and budgetary organizations; drawing up an audit report. Competencies: special.
Module 18 Financial management module					
7	Financial monitoring	4	1C accounting/ Parus 8 accounting, Financial management, Bankruptcy and reorganization of the enterprise/ Financial recovery of the enterprise, Professional values and ethics of the financier/ Ethics of business communication, Analysis of financial and economic activities/ Financial analysis	Final certification	<p>Content: financial monitoring is aimed at studying its elements by students, the international system for countering money laundering and terrorist financing, the consideration of the national system for countering the legalization (laundering) of proceeds from crime, as well as the prevention, detection, suppression, disclosure and investigation of economic and financial offenses, the use of financial monitoring techniques, analysis of financial flows of transactions, financial flow management.</p> <p>Expected results:</p> <p>Know: professional terminology in russian and foreign languages; existing financial and economic risks; basic methods, ways and means of working with financial services; indicators of the results of financial and economic research;</p> <p>Be able to: analyze the financial and economic activities of the enterprise, including own methods for calculating financial stability, find ways to improve the intellectual, general cultural and professional level; translate written sources of professional information ; use knowledge of existing financial and economic risks; collect and analyze data, prepare an information review and / or analytical report;</p> <p>Skills: systematize, generalize regulatory information on the activities of financial institutions and economic entities for use in professional, including entrepreneurial activities, own the methodology for assessing and forecasting existing financial and economic risks, methods of management of financial services and divisions of organizations of various organizational and legal forms; methods of calculation and interpretation of the results of financial and economic research;</p> <p>Competencies: special</p>
	Financial planning	4	1C accounting/ Parus 8 accounting, Financial management, Bankruptcy and reorganization of the enterprise/ Financial recovery of the enterprise, Professional values and ethics of the financier/ Ethics of business	Final certification	<p>Content: as a result of mastering the discipline, the following competencies are formed: - the ability to perform calculations necessary for drawing up economic sections of plans, justify them and present the results of work in accordance with the standards adopted in the organization; - the ability to analyze and interpret financial, accounting and other information contained in the reports of enterprises of various forms of ownership, organizations, departments, etc.</p> <p>Expected results:</p> <p>Know: theory and practice of financial resource management in modern</p>

			communication, Analysis of financial and economic activities/ Financial analysis		<p>conditions; features of systems of financial resources of various economic entities; methods of cash flow analysis and cash flow forecasting; basics of financial calculations;</p> <p>Be able to: predict, plan and manage public finances; predict cash flows; manage cash; evaluate the efficiency of the use of financial resources; analyze the probability of bankruptcy; make an analytical assessment of possible financial difficulties</p> <p>Skills: financial calculations, analysis of the state of financial resources, mastering the methods of effective management of financial resources.</p> <p>Competencies: special.</p>
Module 18 Financial management module					
8	Modern banking technologies	4	Banking/ Bank management	Final certification	<p>Content: the discipline forms knowledge in the field of banking, payment system, electronic technologies of banking and payment transactions; remote forms of banking services; the ability to analyze the effectiveness of banking operations, to assess the compliance of financial services with international principles and recommendations; to know the terminology used in conducting payment and banking transactions, remote methods of providing payment and banking services.</p> <p>Expected results:</p> <p>Know: the institutional structure of the banking and financial system of Kazakhstan; infrastructure components of the national banking and payment system; electronic technologies for banking and payment transactions; basics of accounting for banking and payment transactions; remote forms of banking services.</p> <p>Be able to: practically apply the studied material in the evaluation of payment and banking services; assess the compliance of financial services with international principles and recommendations; develop rules and methods for providing payment and banking services; simulate settlement methods in payment systems; analyze the efficiency of payment and banking operations</p> <p>Skills: organize the activities of banking organizations, including banking services, to meet the needs of customers in emergency situations and remote service using modern banking technologies; terminology used in the conduct of payment, banking and financial transactions; legal documents regulating banking, payment and financial activities in the Republic of Kazakhstan; electronic technologies for banking operations; remote methods of providing payment and banking services; accounting rules for credit institutions in the Republic of Kazakhstan; methods of analysis of the functioning of payment and banking systems.</p>

					Competencies: special.
8	Leasing and leasing operations	4	Banking/ Bank management	Final certification	<p>Content: the discipline studies the place and role of leasing in the system of sources of financing of fixed assets of the enterprise; regulatory regulation of leasing; the process of leasing pricing and leasing payment schemes; insurance of leasing operations; analysis of the advantages and disadvantages of leasing and other sources of investment of the enterprise.</p> <p>Expected results:</p> <p>Know: basic concepts used in leasing operations; methods for determining lease payments; the process of forming an investment project and methods for assessing the effectiveness of the implementation of investment leasing projects and the degree of risk associated with their implementation</p> <p>Be able to: calculate lease payments using various methods; assess the degree of effectiveness of leasing in comparison with other types of financing; analyze possible risks of leasing activities.</p> <p>Skills: to carry out calculations that allow assessing the main trends in the monetary sphere; perform calculations of leasing payments; to form a leasing agreement, create leasing companies; develop leasing investment projects; carry out procedures for the selection and evaluation of proposed investment leasing projects - navigate the legal documents governing leasing activities.</p> <p>Competencies: special.</p>

LIST OF DISCIPLINES
components of choice for educational program
6B04118 Finance

Duration of training – 4 years

The form of study is full-time on the basis of secondary education

Year of entrance -2022

№	Name of the discipline	Code of discipline	Number	Semester
			of credits	
Basic disciplines: 74 credits				
1	Elective course 1		5	3
	Statistics	Sta 2211		
	Socio-economic statistics	SES 2211		
2	Elective course 2		6	3
	Fundamentals of management and marketing	FMM 2212		
	Market infrastructure	MI 2212		
3	Elective course 3		4	4
	Fundamentals of economic analysis	FEA 2213		
	Functional and cost analysis	FCA 2213		
4	Elective course 4		5	4
	Finance	Fin 2214		
	Global financial markets	GFM 2214		
5	Elective course 5		4	5
	Insurance	INS 3215		
	Risk management	RM 3215		
6	Elective course 6		5	5
	Financing and lending of the investment	FLI 3216		
	Islamic Finance	IF 3216		
7	Elective course 7		5	5
	Taxes and taxation	TT 3217		
	The Tax law of the Republic of Kazakhstan	TLRK 3217		
8	Elective course 8		5	6
	1C accounting	1C A 3218		
	Parus 8 accounting	P8A 3218		
9	Elective course 9		5	6
	Securities market	SM 3219		
	Stock exchange business	SEB 3219		
10	Elective course 10		4	6
	Financial statistics	FS 3220		
	Banking statistics	BS 3220		
11	Elective course 11		4	6
	BigDate and Business Analytics	BDBA 3221		
	Cloud Computing Services	CCS 3221		

12	Elective course 12		5	7
	Professional values and ethics of the financier	PVEF 4222		
	Ethics of business communication	EBC 4222		
13	Elective course 13		5	7
	Bankruptcy and reorganization of the enterprise	BRE 4223		
	Financial recovery of the enterprise	FRE 4223		
14	Elective course 14		4	7
	Analysis of financial and economic activities	AFEA 4224		
	Financial analysis	FA 4224		
15	Elective course 15		5	7
	Customs business	CB 4225		
	Budget control	BC 4225		
16	Elective course 16		3	8
	Financial law	FL 4226		
	Business law	BC 4226		
Profiling disciplines: 38 credits				
1	Elective course 1		5	4
	Financial markets and intermediaries	FMI 2306		
	Consulting services	CS 2306		
2	Elective course 2		5	5
	Banking	Ban 3307		
	Bank management	BM 3307		
3	Elective course 3		6	5
	Financial analysis in the activities of a commercial bank	FAACB 3308		
	Tax management	TM 3308		
4	Elective course 4		5	6
	State budget	SB 3309		
	Fiscal policy	FP 3309		
5	Elective course 5		3	6
	Administration of investment projects and decisions	AIPD 3310		
	Evaluating the effectiveness of investment decisions	EEID 3310		
6	Elective course 6		6	7
	International monetary and financial relations	IMFR 4311		
	Financial control and audit	FCA 4311		
7	Elective course 7		4	8
	Financial monitoring	FM 4312		
	Financial planning	FP 4312		
8	Elective course 8		4	8
	Modern banking technologies	MBT 4313		
	Leasing and leasing operations	LLO 4313		