

ALIKHAN BOKEIKHAN UNIVERSITY

Faculty of information technology and economics

Department of business and management

CATALOGUE OF THE ELECTIVE COURSES

6B04116 Economics

Year of entrance-2022

Semey 2022

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
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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.

Awarded degree: bachelor of economics in the educational program «6B04116 Economics»

№	Name of the discipline	Number of credits	Prerequisites	Postrequisites	A brief description indicating the purpose of the study, a brief summary and the expected results of the study (knowledge, skills, competencies)
BASIC DISCIPLINES					
Optional components (OC)					
Modul 6 - Mathematical methods in economic analysis					
1	Statistics	5	-	Economic analysis	<p>Contents: basic concepts and categories of statistics, the process and stages of statistical research, time series, indices, sample observation, in addition, statistical and socio-economic indicators used to analyze the current social and economic situation.</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, sample observation, series of dynamics, indices, statistical study of the interrelationships of social phenomena, statistics of the population and labor resources, system of national accounts, basic macroeconomic indicators, statistics of the standard of living of the population. Be able to: formulate the goals and objectives of statistical research; draw up statistical research programs, systematize and generalize economic information, analyze the structure and development trends of the Kazakhstani and world economy, predict 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 the acquired knowledge and skills: in practice. 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. Competencies: economic, organizational and managerial</p>
1	Socio-economic statistics	5	-	Economic analysis	<p>Contents: bases and system of indicators of socio-economic statistics, statistics of population and labor resources, statistics of national wealth, costs and intermediate consumption, commodity and money circulation, price statistics, statistics of production efficiency, main macroeconomic indicators, statistical study of dynamic ski socio-economic phenomena.</p> <p>Expected results: Know: methodological foundations of the concepts of assessing the state of the economic, social, political environment; principles of statistical concretization of systems of indicators of various areas of socio-economic statistics, methods of their measurement or calculation; construction methodology and information capabilities of the system of generalizing statistical indicators Be able to: systematize and summarize quantitative and qualitative statistical information; draw up a plan for a statistical study of the real socio-economic situation, form a circle of initial indicators characterizing it, conduct</p>

					<p>targeted data collection and statistical analysis using appropriate methods; develop specific proposals based on the results of research, prepare reference and analytical materials for management decisions</p> <p>Skills: conducting a statistical study of the real socio-economic situation, evaluate the proposed options for management decisions and develop proposals for their improvement, taking into account the criteria of socio-economic efficiency</p> <p>Competencies: economic, organizational and managerial</p>
Modul 9 - Professional communication and management					
2	Management	6	-	<p>Labor economics</p> <p>Personnel management</p> <p>Institutional economy</p> <p>Operations management</p>	<p>Content: tasks and content of the course management, essence and principles of management, concepts and types of organization, information support of management, communication in management, management decisions in management, management methods, planning in management. organization as a function of management, motivation in management, control in the management system, leadership: power, influence, partnership, leadership: leadership style and manager's image, conflict, stress and change management, management culture, manager's business ethics</p> <p>Expected results:</p> <p>Know: methods of management and building organizational structures of management; apply methods, means and techniques of management in professional activities. Be able to: analyze organizational management structures; plan and organize the work of the department; evaluate the effectiveness of the main approaches in managing the organization.</p> <p>Skills: development of specific skills for the implementation of effective management in the enterprise based on the use of world experience. Apply methods and methods of enterprise and personnel management</p> <p>Competencies: economic, organizational and managerial</p>
2	Strategic management	6	-	<p>Labor economics</p> <p>Personnel management</p> <p>Institutional economy</p> <p>Operations management</p>	<p>Content: features of strategic management in modern conditions; general patterns of managerial development; methodology of strategic management of the organization; methodology for planning the activities of the organization and means of achieving goals; principles of strategic management; stages of organizing the process of strategic management; the main tools for analyzing the external and internal environment; company's competitive behavior strategies, development strategies; ways to implement strategies.</p> <p>Expected results:</p> <p>Know: modern concepts of strategic management; methodological foundations of strategic management; modern analytical tools to support strategic decision making. Be able to: choose methods of management adequate to strategic tasks; identify and organize the efficient use of available resources and information; to analyze the external and internal environment of the system; work in a team and organize teamwork in a strategic project.</p> <p>Skills: to explain the stages of organization of work on the preparation of strategic changes; collection, selection, generalization and transformation of information necessary for strategic analysis; identifying the weaknesses and strengths of the organization, opportunities and threats in the development of the system under study; application of the identified potentials, dependencies and risks of system development to develop strategic recommendations</p>

					Competencies: economic, organizational and managerial
Modul 9 -Professional communication and management					
3	Marketing	4	Economic theory	Quality control Assessment of innovative potential	<p>Contents: socio-economic basis of marketing, marketing research, marketing environment, market segmentation and competitor analysis, product market research, product policy and pricing, marketing communications.</p> <p>Expected results: Know: the main tools of the marketing mix; marketing environment and its analysis; approaches to organizing the activities of marketing services; organization, management and design of processes in the field of marketing; advertising, specifics of logistics and sales. Be able to: analyze the situation on the labor market and other marketing research data, determine the effectiveness of marketing planning and controlling in the enterprise; select, process and analyze marketing research data; present the results of research and analytical work to a professional and mass audience; evaluate the economic efficiency of marketing decisions. Skills: own the mechanism and principles of organizing marketing and ensuring the competitiveness of firms, developing innovative methods, tools and technologies for marketing activities; analysis and evaluation of marketing activities to develop an organization's strategy Competencies: economic, organizational and managerial</p>
3	Competitiveness of industries and firms	4	Economic theory	Quality control Assessment of innovative potential	<p>The content of the competitiveness of industries and firms studies the formation of a scientific approach to the formulation and practical solution of problems of increasing the level of competitiveness of an enterprise based on the implementation of a systemic organizational and economic mechanism for regulating and managing competitiveness at the level of a country, industry, region and enterprise.</p> <p>Expected results: Know: principles and factors of enterprise competitiveness; competitiveness of goods and services; the mechanism of enterprise competitiveness; strategic goals of the company's main competitors. Be able to: apply acquired knowledge in a competitive environment; determine the level of competitiveness of the personnel of the enterprise, the products of the enterprise, the state of the enterprise in the industry. Skills: show the necessary practical problem solving to improve education with a higher degree of independence, master the mechanism and principles of organizing marketing and ensuring the competitiveness of firms Competencies: economic, organizational and managerial</p>
Modul 12 -Fiscal policy					
4	Finance	5	Economic theory	Planning and budgeting system Internal production planning and budgeting	<p>Contents: theoretical foundations of finance, legal foundations of finance, use of finance in the system of social production, organization of the financial system of the Republic of Kazakhstan, financial policy and the structure of the financial mechanism, finance of economic entities, the principle of the financial market in a global economy, public finance, state financial regulation of the economy, finance in the system of foreign economic relations.</p> <p>Expected results: Know: the concepts and principles of organizing finance, master the methodology of analyzing the financial condition, the role of finance in the conditions of developed market relations, the process of formation and use of cash funds at the macro and micro levels.</p>

					<p>Be able to: analyze the financial condition of the company and the situation in the financial market, own the basic terms and concepts of finance; learn the application of theoretical knowledge in practice; own the main issues of financial and credit activities of the state.</p> <p>Skills: to acquire practical skills in the field of public finance, income, expenses, finances of economic entities, the state budget, financial control, etc. to actively use the current economic practice on the application of market mechanisms in economics and finance.</p> <p>Competencies: economic, organizational and managerial</p>
4	World financial markets	5	Economic theory	<p>Planning and budgeting system</p> <p>Internal production planning and budgeting</p>	<p>Contents: the role and functions of financial markets in the economy, models of financial markets, the relationship between different segments of the international financial market, the problems of the European financial market, international money markets, currency convertibility and exchange rate, the market of foreign exchange derivatives. international capital markets.</p> <p>Expected results:</p> <p>Know: concepts and principles of the securities market, general patterns of development, structure, principles of organization of global financial markets, the main provisions of legislation in the field of regulation of global financial markets.</p> <p>Be able to: analyze and use various sources of information to solve economic problems; prepare analytical materials for evaluating activities in the field of international financial relations.</p> <p>Skills: using modern methods and tools to study the economic situation of individual sectors of the global financial market; analysis of economic processes taking place in the global financial markets.</p> <p>Competencies: economic, organizational and managerial</p>
Modul 12 -Fiscal policy					
5	Investment activity of companies	5	Economic theory	<p>National economy</p> <p>Strategic planning</p>	<p>Content: the main definitions that reveal the essence of investment management in its main forms, the content of individual types of investment activity is revealed. Particular attention in the course is paid to the issues of investment management, assessment of the effectiveness of their implementation and the risks arising from this, as well as forms of state regulation of investment processes in the country's economy.</p> <p>Expected results:</p> <p>Know: concepts and types of investments and investment activities, types and organization of investment activities in the conditions of formation and development of market relations, factors and organization; investment and financial markets, institutions and instruments; investment policy and methods of state regulation of investments and all investment activities; the procedure and mode of functioning of foreign investments in the Republic of Kazakhstan and foreign countries.</p> <p>Be able to: create financial statements, determine the sources of investment and their effectiveness, determine the viability of investment projects, evaluate them, find critical points and conduct sensitivity analysis; analyze financial infrastructure as a source of investment activity; calculate cases for investment projects and publicly defend them.</p> <p>Skills: independent work, self-organization and organization of tasks; modern methodology for calculating and analyzing socio-economic indicators that characterize investment processes at the meso- and macro levels</p>

					Competences: economic, organizational and managerial
5	Investment financing and lending	5	Economic theory	National economy Strategic planning	<p>Content: this discipline studies the economic content, types, forms of investment, legislative support for investment activities, the investment mechanism, investment policy, sources of financing and lending to investments, state regulation of investment activities, the specifics of lending to investment projects, stages of investment design, the procedure for examination and methods for evaluating investment projects, preparation of a feasibility study for an investment project, bank lending to enterprises' projects and its risks.</p> <p>Expected results:</p> <p>Know: the essence and significance of investment; the infrastructure of the investment market and the mechanism of its functioning; theoretical and methodological foundations of investment; the functions of the investor and participant in the investment market, the role of financial intermediaries in investing; the essence of foreign investment and their necessity for the recipient country of capital; the mechanism of the investment market and the risks associated with investment; 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</p> <p>Be able to: assess the attractiveness of the investment climate of the state and the region; determine the expediency for an investor to invest 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, tools for assessing the economic efficiency of the implementation of an investment project; methods and means of developing and justifying investments of various projects</p> <p>Competences: economic, organizational and managerial</p>
Modul 13 - Labor economics					
6	Labor economics	4	Management Strategic management	Cost management Controlling Manufacturing practice II	<p>Content: modern methods of scientific research in the field of the labor market, modern theories of demand and supply of labor, characteristics of labor markets, negotiation processes between entrepreneurs on the conclusion of a collective agreement, connection of the labor market with various types of markets, the state of the labor market in Kazakhstan, the mechanism regulation of the labor market.</p> <p>Expected results:</p> <p>Know: a systematic understanding of labor market participants, the main problems of the functioning of the market and issues of state regulation of social and labor relations, know the range of issues and practical problems studied by the modern market economy</p> <p>labor, as well as navigate the features and patterns of formation and development labor markets in Kazakhstan;</p> <p>Be able to: analyze organizational structures, the competitive environment, the situation on the labor market, put into practice the obtained values in the theory of the labor market, analyze and critically justify the situation on the labor market, have practical skills in providing and interpreting information regarding the activities of labor market entities.</p> <p>Skills: apply methods and methods of enterprise and personnel management, independent collection, analysis and presentation of information characterizing the processes taking place in the labor market.</p>

					Competencies: economic, organizational and managerial,
6	Personnel management	4	Management Strategic management	Cost management Controlling Manufacturing practice II	<p>Content: the science of personnel management, which is formed at the intersection of such sciences as production management, production economics, labor economics, labor sociology. The course involves a presentation of the basic concepts of the economy and the labor market, consideration of topical issues of labor management, as well as the experience of using labor resources in our country and abroad.</p> <p>Expected results:</p> <p>Know: theory and practice, methods and methods of personnel management, know the composition and the content of the stages of the personnel management process, the system of planning, recruitment and selection of personnel, the content of work on the social adaptation of workers, organizations salaries and motivation of personnel, methods of personnel assessment, management mechanisms personnel development and foreign experience in personnel management;</p> <p>Be able to: apply methods and methods of enterprise and personnel management, formulate goals and missions of the enterprise</p> <p>Skills: analyze organizational structures, competitive environment, the situation on the labor market, planning, organizing, motivating and controlling personnel management, as well as applying the basic provisions of personnel management to existing problems and directions for further development of the organization.</p> <p>Competencies: economic, organizational and managerial,</p>
Modul 14 - A systematic approach to the organization and management of production					
7	Logistics	5	Enterprise economy	Valuation of assets and business Business valuation	<p>Content: development of activities related to the organization, management and optimization of the movement of material, information and financial flows from the source to the consumer.</p> <p>Expected results:</p> <p>Know: basic concepts, concepts, mechanisms of functioning and types of logistics; describe the ways and methods of organizing the logistics of material flows;</p> <p>Be able to: distinguish between the main methods and types of logistics of material and information resources, organize material flows in time and space with the least losses, carry out organizational and planning calculations for the creation or reorganization of production sites, plan the work of personnel, and also draw up applications for equipment and spare parts.</p> <p>Skills: give justification and explain the choice of management decisions, methods of designing and organizing logistics processes</p> <p>Competencies: economic, organizational and managerial</p>
7	Information flow logistics	5	Enterprise economy	Valuation of assets and business Business valuation	<p>Contents: conceptual foundations of logistics, essence, functions and principles of modern logistics, methodological apparatus of information logistics, the role and importance of information in logistics, logistics information system, information flows in logistics systems, analysis and design of logistics information flows, planning logistics business processes, information technology in logistics.</p> <p>Expected results:</p> <p>Know: the main ways of logistical organization of information flows. features and methods of managing information flows in logistics systems; modern solutions to information and communication problems of a logistics company with the help of specialized software products;</p>

					<p>modern communication technologies and automation of process management in supply chains; Be able to: distinguish between the main methods and types of logistics of material and information resources, view the emerging effect of the logistics approach to the organization of production. Skills: to organize production processes, material and information-financial flows in time and space, organize the logistics of information flows in order to create harmoniously organized, easily managed, highly efficient enterprise models. Competencies: economic, organizational and managerial</p>
Modul 12 - Fiscal policy					
8	Tax and taxation	5	Economic theory	Planning and budgeting system Internal production planning and budgeting	<p>Contents: economic essence and nature of taxes, the tax system of the Republic of Kazakhstan: stages of formation, characteristics of the current state, tax policy and its role in the implementation of the economic policy of the state, tax mechanism, vehicle tax, land tax, property tax, value added tax, excises, corporate income tax, individual income tax, features of taxation of income of foreign legal entities and individuals, social tax, social tax, special tax regime for peasant or farm enterprises, special tax regime for legal entities - producers of agricultural products and rural consumer cooperatives, rent tax on exports, taxation of subsoil users, taxation of the gambling business, fees, duties and payments.</p> <p>Expected results: Know: concepts in the field of taxes and taxation, the principles of construction and elements of tax systems, the basics of the tax system of the Republic of Kazakhstan, the theoretical and methodological principles of levying taxes, the methodology for their calculation; forms of tax accounting and tax reporting for the calculation of taxes and fees and be able to fill them out. Be able to: operate with the rules related to taxation; be able to fill out tax reporting forms; distinguish between the main types of taxes, give legal advice in the field of taxation, use regulatory documents in the field of taxes, calculate taxes and fees paid by organizations and individuals, draw up payment documents for transferring taxes and fees to the budget. Skills: calculate the main indicators of the company's work to identify the tax base, according to the calculation of taxes and fees levied in the state budget, use the available information bases to ensure the taxation of legal entities and individuals. Competencies: economic, organizational and managerial, special</p>
8	Tax law of the Republic of Kazakhstan	5	Economic theory	Planning and budgeting system Internal production planning and budgeting	<p>Contents: concepts, signs, elements and types of taxes, tax law as a legal entity, tax legal norms, tax legal relations, taxation and tax activities of the state, legal foundations of the tax structure of the state, legal foundations of tax obligations, law - new foundations of tax control, legal regulation of taxes in the Republic of Kazakhstan, tax administration.</p> <p>Expected results: Know: basic concepts of tax law, tax legal norms and tax legal relations; to know the characteristics of the current taxation system, the difference and correlation between taxes and other obligatory payments to the state budget and their characteristic features; to assimilate normative materials relating to taxation and tax activities, as well as the problems of building the tax system of the state.</p>

					<p>Be able to: operate with legal concepts and norms of tax law, draw up and draw up legal documents, give qualified legal advice, understand the content of the legal rights and obligations of subjects of tax legal relations, the mechanism of their interaction.</p> <p>Skills: determine the tax base; calculate the main performance indicators of the company and taxes by type; give legal advice in the field of taxation, systemic, structural and logical analysis, drafting legal documents, correct use of terminology</p> <p>Competencies: economic, organizational and managerial,</p>
Modul 6 -Mathematical methods in economic analysis					
9	1C accounting	5	Accounting and auditing	Big Date and business analytics Cloud computing services Valuation of assets and business valuation	<p>Contents: a system for automating the activities of an enterprise, designed for accounting and accounting operations; accounting for commodity and material assets, mutual settlements with counterparties, payroll, calculation of depreciation of fixed assets, accounting for any sections to generate high-quality and timely information about the financial and economic activities of the entity.</p> <p>Expected results:</p> <p>Know: the structure of the program 1C Accounting and financial reporting of firms, legislative and guidance materials on the organization of accounting and financial reporting in various organizations of various forms of ownership, international financial reporting standards for accounting, the system of accounting accounts, the basics of accounting automation.</p> <p>Be able to: fill in and edit the information base; fill out documents and perform operations in various areas of accounting; prepare and read accounting reports; search for previously entered information; edit the mistakes made, etc.</p> <p>Skills: determine the tax base; comprehensively apply the rules and methods of accounting, including in the 1C accounting program, acquire practical skills to create new records in the information base; edit previously entered entries in the infobase; delete unnecessary objects from the infobase; draw up accounting records in various ways, etc</p> <p>Competencies: professional</p>
9	Financial statements of the company	5	Accounting and auditing	Big Date and business analytics Cloud computing services Valuation of assets and business valuation	<p>Content: principles of financial reporting in the Republic of Kazakhstan, regulatory framework and the basis for the formation of financial statements in the Republic of Kazakhstan, elements of financial statements, the content of the balance sheet items, the content and structure of the income statement, the procedure for compiling a cash flow statement, generating a report on changes in capital, composition, disclosure of the explanatory note and accounting policy, the sequence of the process of compiling consolidated financial statements, the system of financial ratios of the company.</p> <p>Expected results:</p> <p>Know: the composition and content of the financial statements of enterprises of the Republic of Kazakhstan; financial reporting structure; tools for processing economic data in accordance with the task.</p> <p>Be able to: analyze the financial condition of the company and the situation in the financial market, create financial statements, calculate financial ratios with the development of conclusions; has the ability to analyze and use sources of information to solve problems in the field of</p>

					<p>presentation and interpretation of the financial statements of a group of companies</p> <p>Skills: documenting business transactions, preparing analytical and informational materials on the financial statements of a group of companies for the company's management and stakeholders necessary for making strategic decisions.</p> <p>Competencies: professional</p>
Modul 15 - Planning in market conditions					
10	State regulation of the economy	5	Economic theory Macroeconomics	World economy and IEE International economy	<p>Contents: the theoretical aspect of state regulation of the economy and its object, the concept of the GRE methodology and its main elements, the organizational foundations of economic regulation and its foreign experience, the general characteristics of the transition economy and its patterns, economic growth: the main factors and state measures to ensure it, socio-economic forecasting and planning as the initial stage of the state's activity in regulating the economy, directions of scientific and technological progress and the role of the state in its acceleration, state regulation of rational employment and social protection of the population, formation and mechanisms for the implementation of the investment policy of the state, the system of state measures for the efficient use of land resources, financial and budgetary methods of regulating the economy, the main mechanisms for implementing the monetary policy of the state.</p> <p>Expected results:</p> <p>Know: patterns of functioning of the modern economy at the macro level, the main features of the country's economy; the main methods and means of state regulation of the economy, the features of their impact on the activities of industries and enterprises.</p> <p>Be able to: determine the features of the development of the country's economy; analyze in interconnection economic phenomena, processes and institutions at the macro level; identify problems of an economic nature, propose ways to solve them, taking into account the criteria of socio-economic efficiency and possible consequences.</p> <p>Skills: evaluate the effectiveness of the main methods of state regulation; modern methods of calculation and analysis of socio-economic indicators characterizing economic processes at the macro level</p> <p>Competencies: professional</p>
10	Public private partnership	5	Economic theory Macroeconomics	World economy and IEE International economy	<p>Content: the content of the institution of public-private partnership (PPP), including the concept of PPP, forms, types and models of public-private partnership, objects and subjects of PPP, nature and content of public-private partnership agreements, features of their conclusion, execution, modification and termination.</p> <p>Expected results:</p> <p>Know: the goals and objectives of the legal regulation of public relations in the field of public-private partnership at the present stage, directions for improving the legal regulation in the field of PPP.</p> <p>Be able to: determine the features of the development of the country's economy and the content of public-private partnerships, apply the rules of law governing public relations in the relevant area, including in case of problems and contradictions between the rules; to argue the decisions made, including, taking into account the possible consequences, to foresee the consequences of his</p>

					<p>decisions; competently interpret legal acts in their interaction.</p> <p>Skills: evaluation of PPP models; possession of the main methods of interpreting the norms of civil law governing obligations in the field of PPP.</p> <p>Competencies: professional</p>
Modul 19 - IT technologies in the economy					
11	Big Data and business analytics	4	IC accounting Financial statements of the company	Valuation of assets and business valuation	<p>Contents: theoretical and methodological foundations of business intelligence, economic performance indicators, statistical quality characteristics, statistical analysis of performance indicators, financial performance, statistical information processing programs, presentation of the capabilities of the SPSS Statistics package for the purposes of analyzing socio-political processes, etc.</p> <p>Expected results:</p> <p>Know: algorithms, models and methods required for the development of software systems, effective data analysis and knowledge extraction from data, the main methods of data preprocessing and visualization data mining technologies, methods and models of Data Mining features of the Big Data direction, its main differences from the direction business analytics methods for solving problems of processing and analyzing big data.</p> <p>Be able to: describe the possibilities of using information technologies and an innovative approach, choose the method of software tools for data analysis and cloud services; describe the possibilities of using information technologies and innovative approach; own the techniques and methods of collecting socio-economic and other statistical information, formulate and solve problems that arise in the course of production activities that require in-depth professional knowledge; choose the necessary approaches and methods for analyzing problems, as well as modify existing ones and develop new ones, depending on the tasks of a particular case; analyze and design data analysis software tools.</p> <p>Skills: master the methodology of collecting information, design algorithms, models and methods for software and cloud architectures, apply quantitative and qualitative methods and techniques to collect primary information for research, as well as develop effective solutions to problems.</p> <p>Competencies: professional</p>
11	Cloud computing services	4	IC accounting Financial statements of the company	Valuation of assets and business valuation	<p>Contents: introduction to cloud technologies, network models of cloud services, features and main aspects of designing cloud architectures, models for organizing a multi-tenant data storage, separate databases, an overview of the most popular cloud services, the basics of working with cloud storage systems and others</p> <p>Expected results:</p> <p>Know: network models of cloud services and design features of cloud architectures, basic concepts and terminology of cloud technologies; scopes of cloud technologies; the concept of cloud computing in relation to business activities; know the basic principles of cloud computing, the principles and methods of developing applications for cloud systems using various platforms; cloud computing infrastructure;</p> <p>Be able to: choose software tools for data analysis and cloud services, describe the possibilities of using information technologies and an innovative approach; manage and store data, determine the stages of transition</p>

					<p>to a multi-tenant, dedicated, customizable, multi-tenant architecture, use cloud programming techniques, evaluate the effectiveness of the application, long-term prospects, studying the economics of cloud computing;</p> <p>Skills: design algorithms, models and methods for software and cloud architectures, create models for organizing a multi-tenant data warehouse, developing software for cloud systems, system administration for developing and maintaining applications deployed in the clouds</p> <p>Competencies: professional</p>
Modul 17 - Business valuation					
12	Cost management	4	Labor economics Personnel management	Quality control Assessment of innovative potential Manufacturing practice III	<p>Content: the role of the impact of costs on the formation of the financial result of the enterprise; methods and methods of accounting and cost analysis; to form practical skills for determining managerial decision-making based on cost analysis. Systematize the results of research, conduct analysis in the interests of ensuring cost management of the enterprise.</p> <p>Expected results:</p> <p>Know: the essence, meaning, goals and objectives, techniques and methods, principles of effective cost management of an enterprise in a market economy;</p> <p>Be able to: independently make effective management decisions on cost management based on analysis and evaluation of the internal and external environment, comparing costs, production volumes and prices; to calculate the costs of the enterprise; to possess the Skills of cost management in the short, medium and long term, as well as cost management methods to justify management decisions.</p> <p>Competencies: special</p>
12	Controlling	4	Labor economics Personnel management	Quality control Assessment of innovative potential Manufacturing practice III	<p>Content: controlling as a scientific discipline deals with the theory of measuring resources, the results of production and economic activities and processes. The task of controlling is to teach students the theory, methods and tools of measurement in various angles: resources (materials, labor, fixed assets, finance, etc.); functional areas and processes (production, R&D, procurement, sales, etc.); controls (accounting, planning, control, analysis).</p> <p>Expected results:</p> <p>Know: the basic concepts of controlling, their essence, interrelation and interdependence; the basics of modern approaches to controlling management in an organization;</p> <p>Be able to: use a system of knowledge of methods of controlling organization in an enterprise (company); to use the knowledge gained in order to form a management and product controlling system; to apply practical Skills in assessing the costs of controlling; to identify problems when analyzing specific situations and suggest ways to solve them in the field of controlling management in an enterprise; analyze controlling management processes.</p> <p>Competencies: special</p>
Modul 15 - Planning in market conditions					
13	Planning and budgeting system	4	Finance World financial markets Tax and taxation	Resource saving economics Environmental economics	<p>Content: budget planning system, budgeting and efficient spending of budget funds, types of planning and budgeting, assessment of the efficiency of spending budget funds, drawing up a program for the development of the territory and the implementation of investment projects, attracting private investment.</p> <p>Expected results:</p>

			Tax and taxation	Sectoral economics Service economy	<p>Know: indicators of achievement of competencies, set goals and formulate tasks related to the implementation of professional functions.</p> <p>Be able to: develop plans for enterprises and carry out calculations of business planning sections and evaluate the effectiveness of individual business processes and management decisions; perform calculations on sections of the business plan, draw up medium-term budgets.</p> <p>Skills: implement a budgeting system and draw up medium-term budgets of firms; analyze and meaningfully interpret the results obtained in accordance with the standards adopted by the organization</p> <p>Competencies: professional</p>
13	In-house planning and budgeting	4	Finance World financial markets Tax and taxation Tax and taxation	Resource saving economics Environmental economics Sectoral economics Service economy	<p>Contents: main methodological, organizational and legal aspects of planning at an enterprise, technologies and economic mechanisms of budgeting, problems of implementing a budgeting system at an enterprise based on the use of information technology.</p> <p>Expected results:</p> <p>Know: the basics of organizing planned work at the enterprise; regulatory framework for planning; basics of strategic planning; basics of production planning;</p> <p>Be able to: develop plans for enterprises and carry out calculations of sections of business planning, implement a budgeting system and draw up medium-term budgets of firms, draw up an algorithm for carrying out planned work at an enterprise; evaluate planned indicators based on the use of a set of planning methods; calculate and scientifically substantiate the production program of the enterprise; calculate the cost of production; draw up a balance of working time and predict the number of staff; develop a financial plan.</p> <p>Skills: to form the skills of developing plans for the socio-economic development of the enterprise, the skills of qualified management of the financial and economic divisions of the enterprise. Implement a budgeting system and draw up medium-term budgets for firms</p> <p>Competencies: professional</p>
Modul 17 - Business valuation					
14	Valuation of assets and business	5	Economic analysis 1C accounting Financial statements of the company Big Data and business analytics Cloud computing services	Final certification Manufacturing practice III	<p>Content: theory of valuation, objectives, principles of asset valuation, value standards, regulatory legal acts of the Republic of Kazakhstan in the field of valuation, methodology for valuation of assets, organization of market research in order to evaluate a specific object, business analysis using internal and external information, rates discounting and capitalization ratios, report design in accordance with the requirements.</p> <p>Expected results:</p> <p>Know: basic concepts used in valuation activities; the regulatory framework and system for organizing valuation activities in Kazakhstan; the main methods for assessing the value of assets and business of companies;</p> <p>Be able to: apply various methods and methods of asset value analysis; collect data for evaluation, systematize and interpret them; assess the value of assets and business by various methods; compare the results obtained and summarize them in the evaluation report.</p> <p>Skills: own tools for analysis and forecasting, methods for assessing the value of individual business assets: real estate, machinery and equipment, intangible assets, financial assets, etc.</p> <p>Competencies: professional</p>

14	Business valuation	5	Economic analysis 1C accounting Financial statements of the company Big Data and business analytics Cloud computing services	Final certification Manufacturing practice III	<p>Content: economic content of the basic concepts of valuation in general and business valuation in particular; examines the theoretical aspects of assessing the company's capital and shares in it; the array of information necessary for the assessment is determined.</p> <p>Expected results: Know: fundamental concepts of valuation, goals and principles of business valuation; the main characteristics of enterprises and organizations as an object of assessment; methods of financial analysis and the technique of its application in business valuation; approaches and methods of business valuation Be able to: apply methods and tools for business valuation; analyze information for its application in order to assess the value of property objects; use the information provided by the appraiser in the appraisal report; Skills: own the methodology for collecting and preparing information for business valuation in order to make managerial decisions, identifying an array of information for conducting business valuation. Competencies: professional</p>
Modul 14 - A systematic approach to the organization and management of production					
15	Institutional economy	5	Microeconomics Management Strategic management	Final certification	<p>Contents: basic concepts of modern institutional economic theory, the essence of economic interactions at the institutional level. The assimilation of institutional economics is necessary for the formation of skills in the practical activity of the theory of property rights, transaction costs, contracts, institutional changes, knowledge in the field of fundamental, social, economic sciences in the volumes provided for the study of students of economic specialties.</p> <p>Expected results: Know: the main historical schools of institutionalism formation; methodological foundations of the new institutional economy; concepts and properties of institutions within the framework of the latest institutional approach; classification of institutional concepts; the role of enterprises in the institutional process; the role of the state in the institutional process; Be able to: systematize the most important categories of modern institutionalism; to establish the main areas of application of institutional analysis; to show how institutions work in various fields; to explain real phenomena using the tools of institutional theory; Skills: To have the skills to analyze the quality of the institutional environment, the application of the provisions of the institutional theory of economic development of Kazakhstan; the main network models of the market and the network of states existing in the field of international relations Competencies: special</p>
15	Operations management	5	Microeconomics Management Strategic management	Final certification	<p>Contents: fundamentals of operational activity management in the conditions of developing globalization of the economy, formation of operational and process strategies, quality management, forecasting of the future of the operating system, fundamentals of the development of new products and services, placement of production and equipment, human and material resources management, projects.</p> <p>Expected results: Know: the purpose, objectives and principles of operational management; the relationship between</p>

					<p>strategic, tactical and operational planning of logistics activities in supply chains; the tools of production management systems; the main stages of the organization of operational processes; the methodology of planning and management of production in accordance with various management systems; to have a holistic view of the processes and phenomena occurring in production systems</p> <p>Be able to: use methods and tools of operational management in order to improve the efficiency of process management; make production, procurement and sales plans at the levels of summary, preliminary and detailed planning; use specialized software for planning and management of production systems;</p> <p>Skills: to master the methods of planning and managing production processes, to have the ability to find organizational and managerial decisions in professional activities and the willingness to bear responsibility for them</p> <p>Competencies: special</p>
Modul 16 - Economics and industry planning					
16	Resource saving economics	3	Plan-ning and budgeti-ng system Internal producti-on plan-ning and budge-ting	Final certifi-cation	<p>Contents: economic mechanism of resource saving: essence, structure, operating conditions, basic principles of organization of resource saving in economic sectors, resource saving strategy in Kazakhstan: indicators of resource intensity, efficiency of the organization and factors of resource saving, analysis of resource consumption in enterprises: goals and organization procedure, assessment of the quality of work to save resources, etc.</p> <p>Expected results:</p> <p>Know: the basics of rational use of resources; features of the development of strategies and tactics of enterprise behavior in conditions of limited resources;</p> <p>Be able to: carry out a comprehensive economic assessment of the level of use of material resources; to monitor the dynamics of the use of material resources;</p> <p>Skills to possess possible methods of conducting systematic economic calculations, use the directions of secondary resources; saving material resources and its relationship with the financial situation of enterprises; modern directions of resource-saving policy at various levels: enterprise, industry, region.</p> <p>Competencies: special</p>
16	Environmental economics	3	Plan-ning and budge-ting system Internal produ-ction plan-ning and budgeti-ng	Final certifi-cation	<p>Content: economic interactions arising within this system and related to the use of natural resources. The discipline is a synthesis of economics and ecology and studies the processes of production, redistribution and consumption of goods and services, as well as the state of ecosystems, taking into account the impact of human economic activity on them.</p> <p>Expected results:</p> <p>Know: the basics of ecological and economic analysis, the legal foundations of environmental management and the basic methods of management and regulation of environmental management and environmental protection;</p> <p>Be able to: make decisions in the economy and organization of the production process taking into account the environmental component; to calculate the amount of fees for the use of natural resources by this enterprise, to calculate the fee for environmental pollution within the limits of standards and taking into account their excess;</p>

					Skills to master the methodology for assessing the effectiveness of environmental protection measures, standards for assessing damage from environmental pollution. Competencies: special
Profiling disciplines					
Optional components (OC)					
Modul 18 - Digital activity					
1	Digital economy	6	Information and communication technologies (in english) Macroeconomics	Final certification	<p>Contents: goals, objectives, basic directions for the development of the digital economy, the main technological components of the digital economy, the organizational foundations and structure of the digital economy, digital security, state functions and legal support for the transition to a digital economy, the experience of foreign countries and the CIS countries on the development of the digital economy, the strategy for the development of the information society in the Republic of Kazakhstan, promising areas and services of the digital economy.</p> <p>Expected results: Know: the main provisions of the national program "Digital Economy of Kazakhstan in their application to the chosen branch of professional activity, the main areas of application of information technologies and systems in the economy. Be able to: describe the possibilities of using information technology and innovative approach, process economic information using software; demonstrate financial and economic calculations in MS Excel; analyze the business processes of the enterprise and evaluate their effectiveness. Skills: master the methodology of collecting information, organize economic and managerial activities using information technology. Competencies: special</p>
1	Innovative economy	6	Information and communication technologies (in english) Macroeconomics	Final certification	<p>Contents: the main provisions of the theory of innovation, innovation and the cyclical development of the economy, innovative entrepreneurship as a special form of economic activity, the main elements, the content and organizational structures of innovation, the market for scientific and technical products, the infrastructure of innovation, the national innovation system, state regulation of innovation activity.</p> <p>Expected results: To know: the main possibilities of applying the innovative approach, the definitions and categories of innovations, the most important types of innovations and the patterns of functioning of the innovation market, as well as the stages of creating innovations, about the key players in the intellectual property market, about legal aspects and prospects for the development of an innovative economy. Be able to: describe the possibilities of using information technologies and an innovative approach, analyze the activities and quality of a company's work, including with the help of software products, to assess the production, innovative potential of firms, as well as situations on the innovation market, analyze situations on the innovation market and predict its development, be able to assess the risks, profitability and effectiveness of introducing innovations, including strategic decisions on long-term financing, evaluate innovative projects by various methods and make decisions regarding the possibility of making capital investments</p>

					<p>Skills: possess the skills of analyzing economic information; preparation and adoption of investment decisions of a short-term and long-term nature; drawing up and implementing a behavior policy in the innovation market, etc..</p> <p>Competencies: special</p>
Modul 16 - Economics and industry planning					
2	Sectoral economics	6	Economic theory	<p>Planning and budgeting system</p> <p>In-house planning and budgeting</p> <p>Agribusiness</p> <p>Economy of the agro-industrial complex</p>	<p>Contents: the conditions for the functioning of economic sectors in various market structures, the development of a business plan, a strategic plan, intra-company plans, interpret the main economic indicators of the enterprise's economic activity, factors and reserves for their growth or optimization.</p> <p>Expected results:</p> <p>Know: organization of production and technological processes; material and technical, labor and financial resources of the industry and organization (enterprise), indicators of their effective use</p> <p>Be able to: draw up a business plan; determine the current state of industries, evaluate the performance of industries, analyze the industry using economic models; find organizational and managerial decisions and be responsible for them; evaluate the performance of industries; analyze consumer behavior in different types of markets and the competitive environment of the industry.</p> <p>Skills: to have the skills to collect, process and analyze the data necessary to calculate the socio-economic indicators that characterize the activities of the organization; methods of planning the main directions of the organization's activities, substantiation of management decisions and evaluation of the organization's activities.</p> <p>Competencies: special</p>
2	Service economy	6	Economic theory	<p>Planning and budgeting system</p> <p>In-house planning and budgeting</p> <p>Agribusiness</p> <p>Economy of the agro-industrial complex</p>	<p>Contents: the economic foundations of the service sector, the nature and essence of the service, the evolution of the service sector, the main problems and trends in the development of socially significant services: health care, education, social protection, public administration services.</p> <p>Expected results:</p> <p>Know: the specifics of the service model of society, the role of the service sector in the modern socio-economic life of society, the essence of services and their place in the economic system; classification of activities in the service sector; the evolution of services in the Republic of Kazakhstan;</p> <p>Be able to: determine the current state of the service sector; evaluate the performance of the service sector, systematize various approaches to understanding the essence of the service sector and its structure; conduct a comparative analysis of various approaches to the classification of services, analyze the market for services in the region. design the work of the organization of the service sector. to form resources for the production of specific types of services. determine the characteristics of consumer behavior in the business and leisure services market. develop a complex for promoting a specific service</p> <p>Skills: use analysis methods to identify the state and main trends in the development of the service sector, the national and world market for services; evaluate the efficiency of the service sector in the country, the specifics of the functioning of the service market; - features of the formation of competitive advantages in the service sector.</p>

					Competencies: special
Modul 14 - A systematic approach to the organization and management of production					
3	Cluster economy	6	Organization of production Enterprise economy	Agribusiness Economy of the agro-industrial complex	<p>Contents: economics as a science, essence, subject and basic concepts of the regional economy, the system of administrative and territorial division of the country, zoning of the territory, patterns, principles and factors of the distribution of productive forces, the main economic indicators of the development of regions, regional policy and regional problems Lema of the Republic of Kazakhstan, world experience of state regulation of regional development and its significance.</p> <p>Expected results:</p> <p>Know: the theoretical foundations of the regional economy, the main problems of regional socio-economic development, understand regional processes and their socio-economic factors and consequences;</p> <p>Be able to: carry out regional analysis, assess the effect of creating clusters and other measures for the development of regions; assess the threats to the economic security of the national economy; carry out a comprehensive assessment of the use of all resources of the enterprise, as well as the effectiveness of measures to protect the environment; analyze and evaluate current trends, forms, use reference materials, data and indicators of population statistics and on their basis, be able to carry out social and economic diagnostics of the development of the regions of the Republic of Kazakhstan; compare the main economic and statistical indicators with each other and substantiate conclusions about territorial differences in the state of socio-economic processes.</p> <p>Skills: choice of directions of socio-economic development of the region, evaluate the effectiveness of measures for the development of regions.</p> <p>Competencies: special</p>
3	Regional economy	6	Organization of production Enterprise economy	Agribusiness Economy of the agro-industrial complex	<p>Content: the concept of a cluster, cluster policy, cluster strategy, features of building clusters in various sectors of the economy, methods of cluster analysis, evaluate the activities of clusters, etc.</p> <p>Expected results:</p> <p>Know: the main provisions of the theory and methodology of cluster analysis of multivariate observations; methodology for applying cluster analysis to study the functioning and forecasts of socio-economic systems.</p> <p>Be able to: carry out cluster analysis; evaluate the effect of creating clusters and other measures for the development of regions; analyze and evaluate current trends, forms of building cluster structures and assessing their quality; conduct an economic interpretation of the results of clustering at various levels; carry out cluster analysis and other related types of multivariate statistical analysis of specific socio-economic systems at various levels using statistical and econometric software packages.</p> <p>Skills: setting problems of cluster analysis and choosing the most appropriate methods and tools for their solution; determine the efficiency of clustering and its multiplicative effect.</p> <p>Competencies: special</p>
Modul 16 - Economics and industry planning					
4	National economy	6	Investment financing	World economy and IEE	<p>Contents: types of national economic systems; i Content: types of national economic systems; interrelations in the national economy; system of potentials of the national economy; indicators of the investment process; principles</p>

			and lending Investment activity of companies.	International economics	<p>of forecasting the national economy, strategic planning; proportions in the national economy; macro-models of economic growth and development of the national economy; state regulation of the economy, antimonopoly regulation; economic security of the national economy; the impact of globalization on the choice of strategy for the development of the national economy.</p> <p>Expected results: Know: methods of forecasting and strategic planning of the national economy, economic categories, patterns of functioning of the modern economy at the micro, meso and macro levels; objective foundations for the functioning of the economy and the behavior of economic agents; conditions for the functioning of the national economy and factors of economic growth. Be able to: assess the threats to the economic security of the national economy; formulate a categorical and conceptual apparatus for the main sections of the discipline; apply the main methods of forecasting the national economy; substantiate the forms and methods of state regulation of the national economy and its effectiveness; analyze the structure of the economy of Kazakhstan by industry and in the regional context; assess the threats to the economic security of the national economy. Skills: possession of methods for planning professional activities, making informed economic decisions, using economic knowledge in professional practice, methods for calculating and comprehensively analyzing its main indicators based on actual data; skills of professional argumentation in the analysis of standard situations in the field of future activities. Competencies: special</p>
4	Strategic planning	6	Investment financing and lending Investment activity of companies.	World economy and IEE International economics	<p>Content: types and purpose of plans, goals, objectives, means, methods, and technologies for substantiating planned decisions; acquisition of skills in the development of strategic plans, etc., to study the methodological foundations of the organization's strategic planning; explore basic models of strategic planning and alternative models of strategic choice; consider the structure and content of the stages of the strategic planning process; to study the main analytical tools for assessing and analyzing external opportunities and threats, internal strengths and weaknesses of the organization</p> <p>Expected results: Know: methods of forecasting and strategic planning of the national economy, decision functions in the methodology and organization of the strategic planning process; typology of strategic plans; conditions and factors of strategic planning; models, methodology and organization of the strategic planning process, efficiency and control in strategic planning. Be able to: develop an enterprise development strategy; put into practice strategic analysis tools (portfolio matrices, SWOT analysis, etc.), form the main elements of the goal-setting process and conduct strategic segmentation of the organization's market environment; justify the choice of a basic or alternative strategy for the development of the organization; apply analytical methods and strategic tools in the process of developing an organization's strategy for the short and long term Skills: analysis of the external and internal environment with the tools of the joint venture; determine a competitive</p>

					strategy, methods for calculating the main economic indicators of the organization's strategic plan and methods for evaluating the results obtained, followed by the development of strategic decisions; - analytical methods and strategic tools in the process of developing an organization's strategy for the short and long term; - a method for balancing a set of strategic business zones by stages of the demand life cycle and economic indicators in the short and long term Competencies: special
Modul 17 - Business valuation					
5	Quality control	6	Organization of production Marketing Competitiveness of industries and firms Cost management Controlling	Final certification	Content: a systematic understanding of quality management as a modern concept of management. The relevance of studying the discipline is dictated by the needs of a market economy, in which the successful operation of enterprises is based on the competitiveness of their products. Expected Result Know: features of existing management and quality assurance systems, evolution and main stages of development of quality management and general management; modern methods of forecasting and ensuring a given level of product quality of complex man-made products used at various stages of its life cycle: from the stages of its design, development and creation of prototypes to mass production and operation; product certification procedures and quality management systems. Be able to: analyze the activities and quality of the company, including with the help of software products, to assess the production, innovative potential of firms, use probabilistic-statistical methods for assessing the quality level of complex man-made systems and quality changes during their operation at various stages of the life cycle. Skills: to determine the effectiveness of business processes and methods of product quality management, to correctly select probabilistic and statistical distribution laws for correct assessments of the level of quality and reliability of various man-made systems Competencies: special
5	Assessment of innovative potential	6	Organization of production Marketing Competitiveness of industries and firms Cost management Controlling	Final certification	Content: management and evaluation of innovative potential is an integral part of innovative management and solves the issues of planning and implementing innovative strategies that ensure the sustainable development of an enterprise, etc. Expected results: Know: analyze the activities and quality of the company, including with the help of software products, to assess the production, innovation potential of firms, as well as situations in the innovation market, development history, basic terms, provisions, trends and features of innovation; features of the formation and evaluation of the innovative potential of enterprise projects. Be able to: reveal the content of the organizational and economic mechanism for managing innovative processes; substantiate the quantitative parameters of the innovative potential of enterprise projects; apply various methods for evaluating the effectiveness of innovative projects based on available information. Skills: own modern methods of data collection, processing and analysis for the development and implementation of innovative projects. Competencies: special
Modul 16 - Economics and industry planning					

6	Agribusiness	4	Sectoral economics Service economy Cluster economy Regional economy Organization of production	Final certification	<p>Contents: theoretical foundations of the organization of production, entrepreneurship and agricultural business, laws of the Republic of Kazakhstan related to agribusiness, organizational and economic foundations of agricultural enterprises and their associations, specialization and planning of production in them, rational use of land and other means of production, interconnection and interdependence of all aspects of production.</p> <p>Expected results</p> <p>Know: the main processes in the enterprises of the agribusiness system; the basics of building, calculating and analyzing a modern system of indicators that characterize the activities of economic entities in agribusiness, ways of formulating a business idea.</p> <p>Be able to: evaluate the performance of the agricultural sector and the service sector, distinguish between the principles and market conditions for the functioning of the agricultural economy as a whole and agribusiness entities, distinguish between the principles and market conditions for the functioning of the agricultural economy as a whole and agribusiness entities, collect, analyze and process the data necessary to solve set economic tasks in the agribusiness system; find and evaluate new market opportunities and formulate a business idea; develop projects in the field of economy and agribusiness, taking into account regulatory, resource, administrative and other restrictions; modern methods of project development.</p> <p>Skills: how to collect in the agribusiness system; methods of collection, processing and analysis of economic and social data; formulation and implementation of strategies at the level of enterprises of the agribusiness system.</p> <p>Competencies: special</p>
6	Economy of the agro-industrial complex	4	Sectoral economics Service economy Cluster economy Regional economy Organization of production	Final certification	<p>Content: the essence of the industry's economy in the Content: the essence of the economy of the industry in the system of the agro-industrial complex, market conditions for functioning, indicators, factors, ways to improve the socio-economic efficiency of the industry and specific measures, the specifics of the manifestation of objective economic laws.</p> <p>Expected results:</p> <p>Know: the methodology for determining the economic efficiency of agricultural production and the profitability of production, the efficiency of the use of labor and land resources, fixed, working capital and capital investments, the economic valuation of land, the conditions, requirements and directions for stabilizing the agricultural economy in modern conditions, the basics of theory and management practices, management functions, main marketing directions, product sales strategies, product pricing methods.</p> <p>Be able to: evaluate the performance of the agricultural sector and the service sector, distinguish between the principles and market conditions for the functioning of the agricultural economy as a whole and agribusiness entities, put into practice knowledge in the field of management, master management methods, improve the main management functions, take reasonable risks.</p> <p>Skills: evaluate, plan and manage assessment, planning and management of its organization's activities in order to improve economic efficiency</p> <p>Competencies special</p>
Modul 20 - Development of world economic relations					

7	World economy and IEE	4	National economy Strategic planning State regulation of the economy Public private partnership	Final certification	<p>Contents: The purpose of the discipline: formation of knowledge about the structure of the world economy, about the modern resource potential and global problems of the development of the world economy; development of a systematic approach to the analysis and assessment of the sectoral structure of the world economy, the main directions, forms and trends in the development of modern international economic relations; formation of an idea of the role of industrially developed and developing countries in the development of world economic relations;</p> <p>Expected results: Know: the basic theories of the world economy, international trade and international capital movement; patterns of dynamics of the international movement of capital and labor; the main characteristics of the resources of the development of the world economy, including natural, labor, financial and intellectual; the main trends in the development of the world economy, the features of the processes of globalization, transnationalization and international integration; Be able to: collect and summarize information about the state and prospects of the development of the world economy and international economic relations from sources in the scientific press; work with special reference literature, thematic maps; analyze the state and main trends in the development of the world economy; assess the feasibility and effectiveness of the participation of subjects of international economic relations in foreign economic activity; Skills to apply the acquired knowledge in the practice of solving problems of analysis and forecasting of the economy of individual enterprises, firms, financial institutions conducting foreign economic activity, countries and regions of the world, as well as the world economy as a whole. Competencies: special</p>
7	International economics	4	National economy Strategic planning State regulation of the economy Public private partnership	Final certification	<p>Contents: world economy and stages of its formation, international economic organizations, classification and grouping of countries in the world economy, resources of the world economy, state regulation of international trade, international movement of capital, technology and information, international economic integration, etc.</p> <p>Expected results: Know: forms of international economic relations and foreign economic policy of the country and its potential in the international arena, the main directions of modern state policy related to the regulation of international economic relations. Be able to: analyze current trends, analyze and evaluate current trends, forms of international economic relations and foreign economic policy of the country and its potential in the international arena, analyze the current situation in the field of international relations; predict the results of foreign trade economic policy. Skills: analysis; evaluation and evaluation of the country's foreign economic policy; expanding understanding of modern trends in the development of the international economy and new areas of its application Competencies special</p>

SCROLL
elective courses for educational program
6B04116 " Economics "

Training term -2 years.

Form of education - full-time on the basis of explosives

Year of receipt 2022

Name of Discipline	Discipline code	Amount credits	Semester
Basic disciplines			
Component of choice 1			
Statistics	Sta 2211	5	1
Socio-economic statistics	SES2211		
Component of choice 2			
Management	Man2212	6	1
Strategic management	SM2212		
Component of choice 3			
Marketing	Mar2213	4	1
Competitiveness of industries and firms	CIF2213		
Component of choice 4			
Finance	Fin2214	5	2
World financial markets	WFM2214		
Component of choice 5			
Investment activity of companies	IAC 3215	5	2
Funding and investment lending	FII 3215		
Component of choice 6			
Labor economics	LE3216	4	2
Personnel management	PM3216		
Component of choice 7			
Logistics	Log3217	5	3
Information flow logistics	IFL3217		
Component of choice 8			
Tax and taxation	TT3218	5	2
Tax law of the Republic of Kazakhstan	TLRK 3218		
Component of choice 9			
1C accounting	1CA3219	5	2
Financial statements of the company	FSC 3219		
Component of choice 10			
State regulation of the economy	SRE3220	5	3
Public private partnership	PPP3220		
Component of choice 11			
Big Data and business analytics	BDBA3221	4	3
Cloud computing services	CCS 3221		
Component of choice 12			
Cost management	CM 4222	4	3
Controlling	Con 4222		

Component of choice 13			
Planning and budgeting system	PBS4223	4	3
Internal production planning and budgeting	IPPB4223		
Component of choice 14			
Valuation of assets and business	VAB4224	5	4
Business valuation	BV4224		
Component of choice 15			
Institutional economy	IE4225	5	4
Operations management	OM4225		
Component of choice 16			
Resource saving economics	RSE 4226	3	4
Environmental economics	EE 4226		
Profiling disciplines			
Component of choice 1			
Digital economy	DE3306	6	4
Innovative economy	IE3306		
Component of choice 2			
Sectoral economics	SecE 3307	6	2
Service economy	SerE 3307		
Component of choice 3			
Cluster economy	CE3308	6	3
Regional economy	RE3308		
Component of choice 4			
National economy	NE4309	6	3
Strategic planning	SP4309		
Component of choice 5			
Quality control	QC4310	6	4
Assessment of innovative potential	AIP4310		
Component of choice 6			
Agribusiness	Agr4311	4	4
Economy of the agro-industrial complex	EAIC4311		
Component of choice 7			
World economy and IEE	WEIEE4312	4	4
International economy	IE4312		