MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH AUTOMOBILE AND ROAD INSTITUTE named after L.B.GONCHAROV
Faculty of "Road"

KAZAKH AUTOMOBILE AND ROAD TRANSPORT L.B.GONCHAROV INSTITUTE

КАЗАХСКИЙ АВТОМОБИЛЬНО-ДОРОЖНЫЙ ИНСТИТУТ ИМ. Л.Б.ГОНЧАРОВА

"I APPROVE"
Rector
of L.B. Goncharov KazADI
_____R.A. Kabashev
from "26" 04 2022.

MODULAR EDUCATIONAL PROGRAM

Code and classification of training areas:	7M041 Business and Management
Code and name of the OP group:	M044 Management and Management
Code name of the OP:	7M04101 Economy (NP)
Level of training:	Magistracy
Degree awarded:	Master of Economic Sciences in the educational program "7M04101 - Economics"

Almaty, 2022

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
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The modular educational program for the educational program "Economics" is compiled in accordance with the State Standard of Higher Education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604 (as amended on 05.05.2020 No. 182); the Classifier of training areas with higher and postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated 13.10.2018, No. 569 (as amended on 25.01.2019); regulatory documents of KazADI

Developers:
1. Kalgulova R.Zh. – Candidate of Economics, Associate Professor
2. Ayypova T.A. – M.E., senior lecturer

Reviewer:
Grachev R.V. – Head of the Group of Companies of GRVAccounting LLP
Halelova G.B. – Deputy Director of the Corporate University of KazNIISA JSC, Candidate of Economics, Associate Professor

The modular educational program was discussed at the meeting of the Department of Economics and recommended for approval.

Protocol no. 9 from "18" 04 2022 .

The modular educational program was reviewed at a meeting of the Educational and Methodological Council of KazADI and recommended for approval.

Protocol no. 10 from "19" 04 2022 .

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
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CONTENT

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
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1. PASSPORT OF THE EDUCATIONAL PROGRAM

1.1 Explanatory note

The preparation of masters in the educational program 7M04101 "Economics" is carried out according to a modular educational program. The Master's degree program in Economics at L.B. Goncharov KazADI is aimed at training highly qualified specialists in the field of business and management.

The educational program reflects compliance with the concept of the chosen program, the mission and goals of the L.B. Goncharov KazADI, determines the characteristics of the contingent of students, their educational needs, opportunities and needs. The educational program for the preparation of undergraduates in the field of training 7M04101 "Economics" is a system of documents developed and approved by the institute taking into account the requirements of the labor market on the basis of the State Educational Standard for the relevant field of training (specialty) of higher postgraduate education**.** The educational program is compiled taking into account the regulatory framework in the field of higher postgraduate education of the Republic of Kazakhstan:

1. Strategic Development Plan of the Republic of Kazakhstan until 2025, approved by Decree of the President of the Republic of Kazakhstan No. 636 dated 15.02.2018;

2. The Law of the Republic of Kazakhstan "On Education" dated 27.07.2007 No. 319-111 on 11.07.2017 (with amendments and additions as of 04.07.2018 No. 171-VI.);

3. The State Program for the Development of Education and Science of the Republic of Kazakhstan for 2020-2025, approved by Decree of the President of the Republic of Kazakhstan No. 988 dated 12/27/2019;

4. Rules for the organization of the educational process on credit technology of education, approved by Order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 dated 20.04.2011 (with amendments and additions as of 12.10.2018 No. 563.);

5. The State mandatory standard of Higher Education approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604 (as amended on 05.05.2020 No. 182) was registered with the Ministry of Justice of the Republic of Kazakhstan on November 1, 2018 No. 17669;

6. Regulatory and legal documents of KazADI.

The main goal: the implementation of education based on a competence-based approach, multilingualism and the use of innovative learning technologies aimed at training masters who are competitive in the labor market, able to solve professional tasks in organizational and managerial, production management, analytical, research, expert advisory educational (pedagogical), educational and methodological activities.

The principles of education are built in accordance with the basic principles of education and science and are aimed at achieving academic mobility of undergraduates and their successful adaptation to the labor market

Objectives of the educational program:

1. Formation of a person capable of self-improvement and professional growth with diverse humanitarian and natural science knowledge and interests.

2. Formation of the ability to critically rethink the accumulated experience, change, if necessary, the profile of their professional activities, awareness of the social significance of their future profession, having a high motivation to perform professional activities.

3. Formation of the ability to find a compromise between different requirements (cost, quality, safety and deadlines) in long-term and short-term planning and make optimal decisions in the field of services.

4. Formation of the ability to generalize, analyze, perceive information, set goals and choose ways to achieve it.

5. Formation of graduates' readiness to possess modern information technologies, including methods of obtaining, processing and storing scientific information, to be able to formulate and solve modern scientific and practical problems.

6. Содействие формированию готовности выпускников планировать и вести научно-research and experimental research activities, teaching in educational institutions, successfully carrying out research and management activities.

The objective of the educational program is to train highly qualified competent specialists for the economic sector of the economy of the Republic of Kazakhstan, who are able to quickly adapt to rapidly changing socio-economic conditions.

The mission is to provide high-quality training for masters who are competitive on the national and global markets, have professional knowledge of the theory and practice of business and management of state and business structures, have a principled civic position and high moral responsibility to society.

1.2 Terms and definitions

This educational program uses terms and definitions in accordance with the Law of the Republic of Kazakhstan "On Education", as well as terms adopted by the Kazakh Automobile and Road Institute named after L.B.Goncharov (KazADI):

master's degree - the level of postgraduate education aimed at training personnel with the award of a master's degree in the relevant educational program with the mandatory acquisition of at least 60-120 academic credits;

academic calendar – a calendar of educational and control events, professional practices during the academic year, indicating the days of rest (holidays and holidays);

the point-rating letter system for assessing educational achievements is a system for assessing the level of educational achievements in points corresponding to the letter system with a digital equivalent adopted in international practice, and allowing to establish a rating of students;

the university component (VC) is a list of academic disciplines and the corresponding minimum amounts of academic credits determined by the university independently for the development of the educational program;

elective disciplines are academic disciplines included in the university component and the elective component within the established academic credits and introduced by educational organizations, reflecting the individual training of the student, taking into account the specifics of socio–economic development and the needs of a particular region, established scientific schools;

an educational program is a single set of basic characteristics of education, including goals, results and content of training, organization of the educational process, methods and methods of their implementation, criteria for evaluating learning outcomes;

post–requirements - disciplines and (or) modules and other types of academic work, the study of which requires knowledge, skills, skills and competencies acquired upon completion of the study of this discipline and (or) modules;

prerequisites – disciplines and (or) modules and other types of academic work containing knowledge, skills, skills and competencies necessary for the development of the studied discipline and (or) modules;

type of professional activity – methods, methods, techniques, the nature of the impact on the objects of professional activity in order to change it, transform;

The Dublin Descriptor is the European Higher Education Qualification Framework. Describes in a generalized form the learning outcomes for different skill levels. The descriptor

system is invariant, i.e. it is not tied to a specific educational context, which facilitates the comparison of qualifications. The Dublin descriptors represent the agreed requirements for the assessment of learning outcomes at each cycle of higher education and can be applied in national higher education systems with a greater degree of detail;

transcript - a document containing a list of mastered disciplines and (or) modules, and other types of academic work for the corresponding period of study, indicating credits and grades;

credit unit (credit) is a measure of the labor intensity of an educational program;

competencies – the ability to apply knowledge, skills and personal qualities for successful activity in a certain area;

a module is a set of parts of an academic discipline (course) or academic disciplines (courses) that has a certain logical completeness in relation to the established goals and results of education, training;

the direction of training is a set of educational programs of various levels aimed at training specialists for the relevant professional field;

the field of professional activity is a set of objects of professional activity in their scientific, social, economic, industrial manifestation;

the object of professional activity – systems, objects, phenomena, processes that are affected;

Learning outcomes - acquired knowledge, skills and acquired competencies;

KazADI is a higher educational institution that:

- implements educational programs of higher and postgraduate professional education in a wide range of training areas;

- performs fundamental and applied scientific research on a wide range of sciences.

2. DESCRIPTION OF THE EDUCATIONAL PROGRAM

The purpose of the educational program	implementation of education based on a competence-based approach, multilingualism and the use of innovative learning technologies aimed at training masters who are competitive in the labor market, capable of solving professional tasks in organizational and managerial, production management, analytical, research, expert advisory educational (pedagogical), educational and methodological activities
The map of the direction of training according to the educational program	
Code and classification of training areas	7M041 Business and Management
Code and name of the OP group	M044 Management and Management
OP code and name	7M04101 Economy (NP)
Qualification characteristics of the graduate	
Degree awarded:	Master of Economic Sciences in the educational program "7M04101 - Economics"
List of specialist positions	the Master of Economics can work as a teacher of a higher educational institution, a manager, a specialist and other employees in the field of economics and statistics, financial and economic departments, analytical departments, a researcher of research organizations of state and non-state profile, a specialist of the highest and middle level of the enterprise, firms and organizations of various industries and forms of

	ownership
Field of professional activity	design, research, production, marketing, consulting, economic, legal, training, expert departments, departments, bureaus, centers, companies, institutes in the field of economics, educational organizations, professional educational organizations and organizations of higher education.
Object of professional activity	The objects of professional activity of graduates of the Master's degree are: organizations and enterprises of all forms of ownership, regardless of industry and field of activity; state and local government infrastructure bodies; secondary professional and higher educational institutions; research centers, research and expert consulting organizations, interdepartmental, interregional and international scientific design organizations.
Functions of professional activity	– participation in the development of state programs, strategies and policies for the development of the economy, its industries and enterprises; – participation in economic research; – collection of statistical data and analysis; – provision of advisory services; – participation in scientific research; – assistance in the implementation of the results of research work in production.
Types of professional activity	Graduates of the Master's degree in the OP "7M04101 – Economics" can perform the following types of professional activities: - organizational and managerial; - production and management; - analytical; - scientific research; - expert advisory; - educational and methodical.
List of competencies	**KK1:** To have an idea about the role of science and education in public life, about current trends in the development of scientific knowledge, about current methodological and philosophical problems of natural (social, humanitarian, economic) sciences **KK2:** To know the methodology of scientific cognition, principles and structure of the organization of scientific activity **KK3:** Possess psychological methods and means to improve the effectiveness and quality of education; know the psychology of cognitive activity of students in the learning process **KK 4:** Have the skills to use the acquired knowledge for the original development and application of ideas in the context of scientific research **KK5:** Be able to critically analyze existing concepts, theories and approaches to the analysis of processes and phenomena **KK 6:** Be able to integrate knowledge gained in different disciplines to solve research problems in new unfamiliar conditions **KK7:** Be able to make judgments and make decisions based on incomplete or limited information by integrating knowledge, be able to think creatively and creatively approach new problems and situations **KK8:** Be able to apply the knowledge of pedagogy and psychology of higher education in their teaching activities, apply interactive teaching

	methods **KK9:** Possess the skills of conducting information-analytical and information-bibliographic work with the involvement of modern information technologies **KK10:** To be fluent in a foreign language at a professional level that allows conducting scientific research and teaching special disciplines in universities **KK11:** Be able to summarize the results of research and analytical work in the form of a dissertation, scientific article, report, analytical note, etc., have the skills of research activities, solving standard scientific problems **KK12:** Have the skills to carry out educational and pedagogical activities on credit technology of training, methods of teaching professional disciplines, the use of modern information technologies in the educational process. **KK13:** Is able to generalize and critically evaluate the results obtained by domestic and foreign researchers, identify promising areas, and draw up a research program **KK14:**Able to substantiate the relevance, theoretical and practical significance of the chosen topic of scientific research **KK15:**Able to conduct independent research in accordance with the developed **KK16** program:Is able to present the results of the research to the scientific community in the form of an article or report **KK17**:Is able to independently prepare assignments and develop design solutions taking into account the uncertainty factor, develop appropriate methodological and regulatory documents, as well as proposals and measures for the implementation of developed projects and programs **KK18:**Able to evaluate the effectiveness of projects taking into account the uncertainty factor **KK19:A**ble to develop strategies for the behavior of economic agents in various markets **KK20:** Is able to prepare analytical materials for the assessment of economic policy measures and strategic decision-making at the micro and macro levels **KK21:** Able to analyze and use various sources of information for economic calculations **KK22:** Is able to make a forecast of the main socio-economic indicators of the enterprise, industry, region and the economy as a whole **KK23:**He is able to manage economic services and divisions at enterprises and organizations of various forms of ownership, in state and municipal authorities **KK24:** Is able to develop options for management decisions and justify their choice based on the criteria of socio-economic efficiency of KK25:He is able to apply modern methods and methods of teaching economic disciplines in professional educational organizations, educational institutions of higher education, additional professional education **KK26**:Is able to develop curricula, programs and appropriate methodological support for teaching economic disciplines in

	professional educational organizations, educational institutions of higher education, additional professional education
Learning outcomes	**Upon successful completion of this program, undergraduates will:** **ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON3:** To collect and interpret information to form judgments taking into account social, ethical and scientific considerations **ON4:** Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON5:** Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas **ON9:** Be able to draw up business plans for innovative projects to calculate the economic justification of the enterprise management strategy and increase its competitiveness **ON10**:Be able to operate with large amounts of scientific information, independently work with its various sources, process the results obtained, analyze and comprehend them taking into account the available statistical and reporting data. **ON11:**Be able to build and use models to describe and predict processes, phenomena, situations, while carrying out their qualitative quantitative analysis and synthesis **ON12:**Be able to deeply analyze socially significant problems and processes and use the methods of socio – humanities and fundamental sciences in their work **ON13**:Be able to predict the development of financial market conditions, evaluate the behavior of financial market participants at the macro, meso and micro levels, exercise control, supervision and management in the financial system

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3. MATRIX OF CORRELATION OF LEARNING OUTCOMES ACCORDING TO THE EDUCATIONAL PROGRAM IN GENERAL, WITH THE COMPETENCIES BEING FORMED

Competence code	ON1	ON2	ON3	ON4	ON5	ON6	ON7	ON8	ON9	ON10	ON11	ON12	ON13
KK 1	+	+		+	+								
KK 2				+		+	+	+					
KK 3	+	+	+	+									
KK 4	+	+	+	+									
KK 5			+	+			+	+					
KK 6		+	+	+		+							
KK7			+	+	+	+							
KK8	+	+		+	+								
KK9			+		+		+	+					
KK10	+	+			+	+							
KK11					+	+	+	+					
KK12	+	+	+				+						
KK13					+	+	+	+				+	
KK14			+	+	+	+							
KK15			+	+		+	+					+	
KK16			+	+			+	+		+			
KK17		+	+	+			+		+	+			
KK18				+	+	+	+		+				
KK19		+	+			+		+					+
KK20					+	+	+	+	+			+	+
KK21					+	+	+	+			+		
KK22		+			+	+	+	+					
KK23		+		+		+	+						
KK24	+	+			+			+			+		
KK25	+	+	+		+								
KK26	+	+	+		+								

4. COMPETENCE MAP

Basic competencies	Learning result
KK1: To have an idea about the role of science and education in public life, about current trends in the development of scientific knowledge, about current methodological and philosophical problems of natural (social, humanitarian, economic) sciences	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON4**: Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON5:** Learning skills necessary for independent continuation of further education in the field of study
KK2: To know the methodology of scientific cognition, principles and structure of the organization of scientific activity	**ON4:** Identify factors affecting the technical and economic efficiency of production, make decisions and evaluate their effectiveness **ON6:** Be able to critically comprehend the latest

	phenomena in theory and practice, be able to interpret the results at a high level **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas
KK3: Possess psychological methods and means to improve the effectiveness and quality of education; know the psychology of cognitive activity of students in the learning process	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research ON2: To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON3:** Demonstrate oral and written communication skills, including foreign language, adapt to the conditions of changing social, economic, professional roles of a specialist due to real production conditions, promotion through the service hierarchy, as well as to a change of profession **ON4:** Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists
KK 4: Have the skills to use the acquired knowledge for the original development and application of ideas in the context of scientific research	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON3:** Demonstrate oral and written communication skills, including foreign language, adapt to the conditions of changing social, economic, professional roles of a specialist due to real production conditions, promotion through the service hierarchy, as well as to a change of profession **ON4:** Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists
KK 6: Be able to integrate knowledge gained in different disciplines to solve research problems in new unfamiliar conditions	**ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON3:** To collect and interpret information to form judgments taking into account social,

	ethical and scientific considerations **ON4**: Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON6**: Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level
KK8: Be able to apply the knowledge of pedagogy and psychology of higher education in their teaching activities, apply interactive teaching methods	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context ON4: Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON5:** Learning skills necessary for independent continuation of further education in the field of study
KK10: To be fluent in a foreign language at a professional level that allows conducting scientific research and teaching special disciplines in universities	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON5:** Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level
KK11: Be able to summarize the results of research and analytical work in the form of a dissertation, scientific article, report, analytical note, etc., have the skills of research activities, solving standard scientific problems	**ON5:** Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7**: Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas
KK13: He is able to generalize and critically evaluate the results obtained by domestic and foreign researchers, identify promising areas, and	**ON5:** Learning skills necessary for independent continuation of further education in the field of study

draw up a research program	**ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas **ON12:**Be able to deeply analyze socially significant problems and processes and use the methods of socio – humanities and fundamental sciences in their work
KK14: Able to substantiate the relevance, theoretical and practical significance of the chosen topic of scientific research	**ON3:** Demonstrate oral and written communication skills, including foreign language, adapt to the conditions of changing social, economic, professional roles of a specialist due to real production conditions, promotion through the service hierarchy, as well as to a change of profession **ON4:** Identify factors affecting the technical and economic efficiency of production, make decisions and evaluate their effectiveness O**N5**: Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level
KK15: Able to conduct independent research in accordance with the developed program	**ON3:** To collect and interpret information to form judgments taking into account social, ethical and scientific considerations **ON4:** Identify factors affecting the technical and economic efficiency of production, make decisions and evaluate their effectiveness **ON6**: Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON12:**Be able to deeply analyze socially significant problems and processes and use the methods of socio – humanities and fundamental sciences in their work
KK16: Is able to present the results of the research to the scientific community in the form of an article or report	**ON3:** To collect and interpret information to form judgments taking into account social, ethical and scientific considerations **ON4:** Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON7:** Demonstrate the ability to think,

	implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas **ON10**:Be able to operate with large amounts of scientific information, independently work with its various sources, process the results obtained, analyze and comprehend them taking into account the available statistical and reporting data
KK17: Is able to independently prepare assignments and develop design solutions taking into account the uncertainty factor, develop appropriate methodological and regulatory documents, as well as proposals and measures for the implementation of developed projects and programs	**ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON3:** To collect and interpret information to form judgments taking into account social, ethical and scientific considerations **ON4**: Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON9:** Be able to draw up business plans for innovative projects to calculate the economic justification of the enterprise management strategy and increase its competitiveness **ON10**:Be able to operate with large amounts of scientific information, independently work with its various sources, process the results obtained, analyze and comprehend them taking into account the available statistical and reporting data
KK21: Able to analyze and use various sources of information for economic calculations	**ON5:** Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas **ON11:**Be able to build and use models to describe and predict processes, phenomena, situations, while carrying out their qualitative quantitative analysis and synthesis
KK26: Is able to develop curricula, programs and appropriate methodological support for teaching	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on

economic disciplines in professional educational organizations, educational institutions of higher education, additional professional education	advanced knowledge of this field, when developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON3:** To collect and interpret information to form judgments taking into account social, ethical and scientific considerations **ON5:** Learning skills necessary for independent continuation of further education in the field of study
Professional competencies	**Learning result**
КК5: Be able to critically analyze existing concepts, theories and approaches to the analysis of processes and phenomena	**ON3:** To collect and interpret information for the formation of judgments taking into account social, ethical and scientific considerations **ON4:** Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas
КК7: Be able to make judgments and make decisions based on incomplete or limited information by integrating knowledge, be able to think creatively and creatively approach new problems and situations	**ON3:** To collect and interpret information for the formation of judgments taking into account social, ethical and scientific considerations **ON4:** Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON5**: Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level
КК9: Possess the skills of conducting information-analytical and information-bibliographic work with the involvement of modern information technologies	**ON3:** To collect and interpret information for the formation of judgments taking into account social, ethical and scientific considerations **ON5:** Learning skills necessary for independent continuation of further education in the field of study **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas
КК12: Have the skills to carry out educational and pedagogical activities on credit technology of training, methods of teaching professional	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when

disciplines, the use of modern information technologies in the educational process	developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON3:** To collect and interpret information to form judgments taking into account social, ethical and scientific considerations **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach
КК18: Able to evaluate the effectiveness of projects taking into account the uncertainty factor	**ON4:** Identify factors affecting the technical and economic efficiency of production, make decisions and evaluate their effectiveness **ON5:** Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7:** To develop strategic plans for the development of the enterprise, to collect and analyze the initial data necessary for the calculation of financial and socio-economic indicators in business activities **ON9:**Be able to make business plans for innovative projects, calculate the economic justification of the enterprise management strategy and increase its competitiveness
КК19: Able to develop strategies for the behavior of economic agents in various markets	**ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context ON3: To collect and interpret information to form judgments taking into account social, ethical and scientific considerations **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas **ON13:**Be able to predict the development of financial market conditions, evaluate the behavior of financial market participants at the macro, meso and micro levels, exercise control, supervision and management in the financial system
КК20: He is able to prepare analytical materials for the evaluation of economic policy measures and strategic decision-making at the micro and	**ON5:** Learning skills necessary for independent continuation of further education in the field of study

macro levels	**ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas **ON12:** Be able to deeply analyze socially significant problems and processes and use the methods of socio – humanities and fundamental sciences in their work **ON13:**Be able to predict the development of financial market conditions, evaluate the behavior of financial market participants at the macro, meso and micro levels, exercise control, supervision and management in the financial system
КК22: Able to make a forecast of the main socio-economic indicators of the enterprise, industry, region and economy as a whole	**ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON5:** Learning skills necessary for independent continuation of further education in the field of study **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level ON7: Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach **ON8:** Demonstrate the ability of evaluation in analyzing new, existing ideas
КК23: He is able to manage economic services and divisions at enterprises and organizations of various forms of ownership, in state and municipal authorities	**ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON4:** Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists **ON6:** Be able to critically comprehend the latest phenomena in theory and practice, be able to interpret the results at a high level **ON7:** Demonstrate the ability to think, implement and adapt the existing research process with a scientific approach
КК24: Able to develop options for management decisions and justify their choice based on criteria of socio-economic efficiency	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research

	ON2: To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context ON5: Learning skills necessary for independent continuation of further education in the field of study **ON8:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge in this field, when developing and/or applying ideas in the context of research **ON2:** To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context **ON5:** Mastering the skills necessary for independent continuation of further education in the field of education
КК25: He is able to apply modern methods and methods of teaching economic disciplines in professional educational organizations, educational institutions of higher education, additional professional education	**ON1:** Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge of this field, when developing and/or applying ideas in the context of research ON2: To apply at a professional level their knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context ON3: To collect and interpret information to form judgments taking into account social, ethical and scientific considerations ON5: Learning skills necessary for independent continuation of further education in the field of study

5. MAP OF THE TRAINING MODULE

Module name	Competencies	Learning outcomes
Basic disciplines		
Module scientific and pedagogical training	KK1, KK2, KK3, KK4, KK6, KK8, KK10, KK11, KK13, KK14, KK15, KK16, KK18, KK21, KK26	ON1, ON2, ON3, ON4 ON5, ON6, ON7, ON8, ON9, ON10, ON11, ON12, ON13
Profile disciplines		
Economics, Management and Business	KK5, KK7, KK9, KK12, KK17, KK19, KK20, KK22, KK23, KK24, KK25	ON1, ON2, ON3, ON4 ON5, ON6, ON7, ON8, ON9, ON10, ON11, ON12, ON13

6. INFORMATION ABOUT THE DISCIPLINES OF THE EDUCATIONAL PROGRAM

№	Name of the discipline	Brief description of the discipline (50-60 words)	Number of credits	Generated results (codes)
Cycle of basic disciplines – 35 credits University component – 20 credits				
	History and philosophy of science	The discipline is aimed at studying the main strategies of scientific research and the historical foundations of the formation of scientific knowledge. Tasks the development of undergraduates' ability to comprehend the actual problem of history and philosophy of science as a modern world tradition of philosophical understanding of the nature of science, the formation of a scientific and methodological worldview based on knowledge of the features of modern science, improving the skills of scientific understanding of reality. Competencies: be able to critically comprehend and design complex scientific research, solve scientific problems	4	ON1, ON2, ON3, ON6
	Foreign language (professional)	The discipline is focused on the study by undergraduates of a complex of knowledge in the field of business communication theory. The goal is to form a foreign–language professional and communicative competence of undergraduates, allowing them to integrate into the international professional environment and use a professional foreign language as a means of intercultural and	4	ON1, ON2,ON3, ON12,

		professional communication. Competencies: formation and improvement of foreign language professional competence of undergraduates, teaching them the language of their future profession		
	Higher school pedagogy	The objectives of mastering the discipline "Pedagogy of higher education" are: the formation of undergraduates' readiness to carry out professional pedagogical activities in the field of higher education, the formation and development of general professional competencies in the field of higher education for the successful solution of professional tasks. Competencies: the ability to teach mechanical and mathematical disciplines and educational and methodological work in the fields of professional activity, including on the basis of the results of theoretical and experimental research	4	ON1, ON2, ON5, ON6
	Management Psychology	The discipline is focused on studying and familiarizing undergraduates with modern ideas about the role and multidimensional content of the psychological component of managerial activity, improving the psychological culture of the future master for the successful implementation of professional activities and self-improvement. As a result of studying the discipline, a master's student must: know: –the essence and content of the basic concepts and categories of this discipline; be able to: – identify psychological aspects in management; possess: –skills of recognition, characterization and solving psychological problems.	4	ON1, ON2, ON5, ON6
	Pedagogical practice	Pedagogical practice performs the function of general professional training in terms of preparing undergraduates for teaching at a university. The main tasks of pedagogical practice are related to the acquisition of skills in conducting pedagogical activities, the development of modern pedagogical techniques and technologies, the development of educational programs and their components. The master's student actively participates	4	

		in the organization and conduct of training sessions, forms an idea of modern educational technologies, acquires self-improvement and self-development skills		
Optional component – 15 credits				
	Organization and management of production at the enterprise	The discipline is focused on mastering modern methods of managing production processes at the enterprise, the concepts and essence of operational management, a systematic approach to evaluating various organizational processes, principles of production management, as well as concepts and methods of production management, which are widely used in conjunction with other business functions. The study of the principles of Organization and management of production opens up interesting and very diverse career prospects for the future specialist.	5	ON4, ON7, ON8, ON11
	The economy of the enterprise and its development strategy	The study of the discipline is aimed at the formation of undergraduates' knowledge on the justification of effective management decisions, a holistic view of the organization's economy, the development of systematic economic thinking, the ability to solve complex economic problems, mastering and applying modern methods of economic analysis, to form the skills of economic calculations and use them to justify economic decision-making. Competencies: to possess and apply basic scientific and theoretical knowledge to solve theoretical and practical problems		ON4, ON7, ON8, ON11
	Multilevel competitiveness	The discipline focuses on the study of multilevel competitiveness of the national economy and global competitiveness. The purpose of studying the discipline is to familiarize undergraduates with the main tasks, rules, categories, criteria, functions, principles of multilevel global competitiveness. Characteristics of the levels of competence formation in a graduate student. Know: a holistic view of its subject and content; Be able to: methods for assessing	5	ON10, ON11, ON12

		multilevel competitiveness. Skills:the main patterns of development of multilevel competitiveness Competencies: to get acquainted with the problems of increasing the competitiveness of the Kazakh economy		
	Strategic planning of competitive enterprises	The discipline is aimed at forming the necessary knowledge and skills of undergraduates based on the study of functions and methods of strategic planning, methods of enterprise analysis and strategy formulation. In the process of studying the discipline, undergraduates form an idea about the features of planning at competitive enterprises in Kazakhstan, which contributes to the effectiveness of the entire learning process Competencies: on the experience of implementing national strategies in developing economies; on the strategies of enterprises in various industries		ON7, ON9, ON10
	Entrepreneurship and business	The discipline in the process of training highly qualified specialists provides theoretical training in the field of studying entrepreneurship as the main link of the real sector of the economy of any state. The study of the discipline allows undergraduates to form the skills of an independent approach to solving various industrial and economic situations, making correct, effective and balanced decisions in the business environment. Competencies: in determining the role and functions of the state in the management of business processes	5	ON7,ON8, ON9
	Advanced logistics	In the process of studying the discipline "Advanced Logistics", the following tasks are set for undergraduates: to familiarize themselves with the methodology of building transport and logistics systems, taking into account the commercial specifics and technology of various modes of transport providing foreign trade; to master the content of the basic terms, concepts and categories in the field of international commodity movement, to obtain basic concepts concerning		ON4, ON8, ON10, ON11

		the basics of the organization of logistics systems. Competencies: in determining the performance of calculations on the effectiveness of operations for the construction of transport and logistics systems		
Cycle of profile disciplines – 49 credits University component -30 credits				
	Economic security of the company	The discipline is focused on the formation of undergraduates a clear understanding of the system of functional components of the economic security of an enterprise (organization), their inherent features of the diagnosis of hazards, threats, risks; conditions and mechanisms for ensuring security. It examines the objective prerequisites for the formation and development of economic security of the real sector of the economy, as well as economic mechanisms for ensuring economic security in the process of organizing and using various resources of the enterprise and organization in order to produce competitive products.	5	ON4, ON7, ON9, ON11
	Financial Management (advanced course)	Objective: to form a comprehensive understanding of modern conceptual foundations and applied aspects of the organization of financial management at enterprises among undergraduates. The competencies formed as a result of mastering the course can be used by a master's student in mastering subsequent disciplines and writing a master's thesis. Competencies: in the organization of financial management in the company, the use of financial instruments, methods and criteria evaluation of the effectiveness of financial management in the operating, investment and financial activities of the company	5	ON7, ON8, ON9, ON11
	Information technologies in economics and business	The discipline introduces the key aspects of information technology systems in the enterprise; the current state of IT, the role they play in	5	ON7, ON8, ON9, ON11

		business. The issues related to the impact of IT on competition, the digital economy, the market; the main trends and problems in the field of IT development and application; directions of IT implementation and the impact of changes in IT on the economic potential of the enterprise; electronic business; evaluation of the effectiveness of information systems implementation are considered.		
	Business planning of innovative projects	The purpose of the discipline is the formation of undergraduates' ability to analyze trends and prospects of economic development, medium- and long-term planning of the activities of economic entities, taking into account forecasts of economic development. The subject of the course is the preparation of business plans for various forms of business related to innovation. As a result of studying the discipline, undergraduates should know: the essence, structure and features of business planning of innovative projects; participants in the investment process that make up and implement innovative business projects	5	ON7, ON9, ON10, ON11
	Tax management	The purpose of studying the discipline: to promote the training of qualified specialists who possess new managerial thinking and knowledge of how to achieve their goals when paying taxes, using labor, intelligence, and motives of people's behavior. To give a comprehensive theoretical understanding of the functioning and development of tax management mastering the methods of strategic and tactical management of tax payments. Competencies formed as a result of mastering the discipline to master the methods of determining the tax burden	5	ON4, ON7, ON10, ON11
	Research practice	The research practice of a master's student is conducted in order to familiarize with the latest theoretical, methodological and technological achievements of domestic and	5	

		foreign science, with modern methods of scientific research, processing and interpretation of experimental data, as well as the acquisition of research skills in future professional activity. The process of passing a research internship contributes to the formation of the following competence - the ability to use skills in practice in the organization of research and project work, in team management		
Component of choice – 19 credits				
	Financial institutions of the Republic of Kazakhstan and prospects for their development	The discipline is aimed at studying undergraduates with the main problems of financial institutions in modern conditions in the global financial market and in general in Kazakhstan practice, and also involves consideration of the types of financial institutions and the direction of their activities and individual moments of state regulation and supervision. Competencies: to use in practice methods of economic analysis of bankruptcy		ON4, ON7, ON8, ON13
	Financial and economic analysis of the enterprise	The discipline is focused on obtaining a holistic view of the analysis of economic activity as the most important function of managing organizations, understanding the basic methods of financial and economic analysis and their application at different stages of the process of developing and making managerial decisions. The discipline is a special course. Competencies: to be competent in the field of modern problems of the world economy and the participation of national economies in world economic processes	5	ON4, ON7, ON8, ON10, ON13

	Actual problems of the national economy: micro- and macro-level	The purpose of the discipline "Actual problems of the national economy: micro- and macro-level" is to study the behavior of the economy as a whole from the point of view of ensuring conditions for sustainable economic growth; full employment of resources and minimizing the level of inflation in modern conditions. The main objectives of the discipline are: knowledge of the most important phenomena in macroeconomics, the ability to use theoretical knowledge in practice. Competencies: possess modern methods of calculation and analysis of socio-economic indicators	4	ON10, ON11, ON12, ON13
	Micro-macroeconomic analysis	The purpose of the discipline "Micro-macroeconomic analysis" is to study the behavior of the economy as a whole from the point of view of ensuring conditions for sustainable economic growth, full employment of resources and minimizing the level of inflation in modern conditions. The main objectives of the discipline "Micro-macroeconomic analysis" are knowledge of the most important phenomena in macroeconomics, the ability to use theoretical knowledge in practice. Competencies: in making rational decisions in market conditions; in conducting microeconomic analysis.		ON7, ON8, ON10, ON11, ON12
	Management of innovation processes in the industry of the Republic of Kazakhstan	The discipline is aimed at the formation of professional competencies, arming undergraduates with theoretical and practical knowledge in the field of innovation management, in-depth study of the basics of innovation in the global and national economy. The objectives of studying the discipline "Management of innovation processes in the industry of the Republic of Kazakhstan" - mastering the theoretical and practical foundations of innovation in the global and national economy Competencies: ability to systematize and summarize information, prepare proposals for improving the management system	5	ON4, ON9, ON10, ON11, ON12
	Financial management in the industry	The purpose of the discipline: the formation of systemic knowledge and		ON4, ON7, ON8, ON13

		practical skills in the field of financial management. Objectives of the discipline: to expand the knowledge of undergraduates about the theoretical foundations of financial management, to prepare undergraduates for independent formulation and meaningful solution of tasks in the field of public finance management and organization finance. The object of study is the management of financial resources of economic entities **Competencies:** the use of acquired knowledge in the course of the company's activities		
	Management accounting and analysis	The knowledge acquired during the study of this discipline is basic for economists. The purpose of the study is to give undergraduates an idea of the principles, methods of management accounting in companies, about the main models of cost accounting in order to objectively assess the effectiveness of an organization's economic activity Competencies: in applying the knowledge gained during the study of the discipline to assess the real economic situation in the company and determine the ways of the company's effectiveness	5	ON4, ON7, ON8, ON11
	Controlling and cost management of the enterprise	The discipline is aimed at studying problems in the field of organization, planning and management of production in a market economy and making managerial decisions that ensure the effective operation of production systems. The discipline reveals the role of cost in improving the level and increasing the efficiency of production and economic activities at enterprises, since cost is the basis for the formation of all cost indicators of the economy. Competencies: in the field of modern tools for controlling and cost management systems		ON4, ON7, ON8, ON10, ON11
	Research work (R&D)	The purpose of the research work in the context of the semester is to prepare a master's student as an	24	

		independent research work, the main result of which is the writing and successful defense of a master's thesis, which is based on a collective scientific research. Research work is carried out by a graduate student under the supervision of a supervisor. The result of the master's research work is the development of scientific approaches, skills and abilities in the direction of training and types of activities		
	Preparation and defense of a master's thesis	A Master's thesis is a completed research work carried out under the supervision of a professor or associate professor of the relevant specialty, containing a new solution to an urgent scientific problem of scientific or essential importance for the economy. The master's thesis should confirm the author's ability to independently conduct a scientific search using theoretical knowledge and practical skills, identify and formulate professional problems, know methods and techniques for solving them.	12	
	Total		**120**	