1. CHARACTERISTIC OF THE EDUCATIONAL PROGRAM

The purpose of the educational program: Preparation of the masters of pedagogical sciences, for the implementation of educational, scientific, technological and managerial activities in the field of professional training, possessing deep theoretical and methodological knowledge, research skills and innovative technologies.

1.1 GENERAL INFORMATION

Type of educational program	current
Name of the educational program	7M01402 - Professional training
Field of education	7M01 Pedagogical sciences
Training direction	7M014 Training for teachers with subject specialization of general development
The group of the educational program	M008 Vocational teacher training
A license to engage in educational activities	The educational program is implemented on the basis of license no. KZ75LAA00018542, issued by the Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on August 04, 2020 in the direction of personnel training 7M014.
Educational level by NQF	Bachelor's degree, level 7
Awarded degree	Master's of pedagogical Sciences in the educational program 7M01402 "Professional training"
Accreditation	IAAR- IAAR - 4/ 2018; 5/2017; 3/2016.
Rating of the educational program	*Atameken:* 2021 – 10th place out of 47; 2022 – 8th place out of 45 *IAAR:* 3rd place
The total amount of academic credits	120
Study duration	2 years

1.2 VISION, MISSION, PROGRAM GOAL, VALUES, UNIVERSITY GRADUATE ATTRIBUTES

Vision:

An intellectual platform that develops educators who are open to new ideas and able to lead in a rapidly changing world.

Mission:

Developing teacher leaders, who can create, develop, and disseminate advanced knowledge and values in education for the benefit our country and the world.

Program's goal:

Our University aims to become a hub for innovative teaching, learning, research as well as the development of rural education in Central Asia.

Values:

Integrity, commitment, care.

University graduate attributes:

- Self-guided learners and reflexive practitioners
- Responsible personalities with moral and ethical values
- Professionals with deep subject knowledge and digital skills
- Creative and critical thinkers and excellent team players and communicators
- Adaptive leaders in teaching and learning
- Diverse, inclusive and for equality of opportunity in society

1.3. THE RATIONALE BEHIND THE EDUCATION PROGRAM

Justification:

The relevance of the Education Program.

The relevance of vocational teacher training is due to the acute shortage of qualified personnel in connection with the protracted crisis of the system of vocational education and General vocational education.

In a market economy, the most important tool that ensures the stability of an Enterprise's Competitiveness in the market is professional training of specialists in accordance with the current requirements for its external and internal environment.

In this regard, a program for training scientific and pedagogical personnel for the system of professional education for the formation and development of the younger generation, who possess innovative technologies, has been developed. It is aimed at ensuring a high level of moral, intellectual, cultural development and professional competence, including a continuous process of education and training.

Market demand.

A statistical analysis was carried out on the basis of the official website of the departments of education in the automated collection system "national educational database" (NBD) https://e.edu.kz/statistics.html, and information and analytical center http://iac.kz.

The national educational database showed that in Kazakhstan there are 7997 preschool organizations, 7413 organizations of primary, basic secondary and General secondary education, 906 organizations of additional education for children, 858 organizations of technical and vocational education, 137 specialized educational organizations, 293 special educational organizations.

According to data for 2017 in the Republic of Kazakhstan, the number of students in organizations of technical and vocational education is 489,198, including on the basis of 9 classes-311001, 11 classes -178,197.

The number of teaching staff of organizations of technical and professional education is 29959, including those with higher education 29163, in retirement age 2909, the number of masters of industrial training is 5977, including those with higher education 3853, at the retirement age of 270.

The number of teachers with academic and scientific degrees in organizations of technical and professional education is 2985 (10% of the total number of teachers), including doctors of science, PhD 89, candidates of science 273, masters 2623.

The highest percentage of teachers with higher education work in the Vet system (90.2%), the lowest - in preschool (57.9%). Teachers with secondary special education work in pre-school and vocational schools-0.6%, in General secondary education-0.15%.

1.4. DISTINCTIVE FEATURES OF THE EDUCATIONAL PROGRAM

Academic mobility	Akdeniz Antalya University (Turkey)
Two - degree program	University of Westminster (London, UK) MIT (Cambridge, Massachusetts, USA)
Additional education (Minor)	Counselor-organizer

Coincidence with similar Education Program of leading universities in the near and far abroad

Akdeniz University-20 %;

Tomsk state pedagogical University-20 %;

Cambridge school of visual and performing arts-15 %.

1.5. GRADUATE CAREER OPPORTUNITIES

The educational program 7M01402- Professional training takes into account the logic of academic interrelation of disciplines, the goals of their provision, the continuity of their content, their consistency and continuity.

They allow graduates to work successfully and develop in professional, pedagogical, scientific and creative activities, to have an idea of the problems and processes in the field of culture and art, to be able to develop projects that are original in meaning and solution, samples of sewing and decorative art items.

1.6. AREAS OF PROFESSIONAL COMPETENCE

master of pedagogical Sciences in the educational program "7M01402-Professional training" can perform the following types of professional activities:

- educational (pedagogical);
- teaching-educational;
- educational and technological;
- socio-pedagogical;
- research;
- organizational and managerial.

Area of professional competence 1

in the field of educational activities:

- design and organization of the pedagogical process in General education, professional educational institutions, higher educational institutions, diagnostics, correction, forecasting of the results of pedagogical activity;
- organization of subject activity of students in General education, professional educational institutions, higher educational institutions;
- study, generalization, dissemination of innovative experience in the field of education.

Area of professional competence 2

in the field of educational activities:

- management of the process of formation and development of the personality of students in General education, professional educational institutions, higher educational institutions;
- design and organization of educational work in accordance with the laws, laws, principles, educational mechanisms of the pedagogical process;
- reasonable selection of various forms and methods of education and training of students of organizations, professional and technical colleges and pedagogical universities;
- formation of social and ethical values based on public opinion, traditions, customs, social norms and their use in professional activities;
- compliance with business ethics, mastering ethical and legal norms of behavior;

Area of professional competence 3

in the field of educational and technological activities:

- reasonable selection and use of innovative pedagogical technologies in the educational process;
- organization of search and processing of information about the subject activity of students, about the educational process using information and communication technologies;

- the ability to apply in practice the acquired knowledge in the field of professional and socio-humanitarian disciplines.

Area of professional competence 4

in the field of social and pedagogical activity:

- designing and organizing favorable conditions and providing pedagogical support for the education and development of students;
- formation of an objective assessment of the personal level of claims, business ethics, ethical and legal norms of behavior;
- mastering methods of physical, spiritual and intellectual self-development, formation of psychological literacy, culture of thinking and behavior.

Area of professional competence 5

in the field of research activities:

- planning and organization of scientific research, knowledge of the research algorithm;
- planning and organizing the study of scientific and methodological literature;
- planning and organizing the study and generalization of innovative pedagogical experience of professional training;
- planning and organization of pedagogical experiments with the implementation of their results in the educational process;
- performing scientific research in specialized disciplines in various scientific and educational institutions;
- ability to creatively use the achievements of theory and technology, generalize the results of research work;
- ability to objectively evaluate the results of their research activities, apply methods of processing scientific and pedagogical research, and anticipate possible positive and negative consequences of search work.

Area of professional competence 6

in the field of organizational and managerial activities:

- planning and organization of the content-procedural component of the educational process (content of courses of professional and higher education disciplines, selection of material, methods, techniques, tools for content activities and organization of the developing environment and its use as a means of educating the personality of students at different levels of education);
- management activities in state structures of various levels of education

Employment Opportunity:

The objects of professional activity of the master of pedagogical Sciences in the educational program "7M01402-Vocational training (by industry)" are:

- educational organizations of all types and types, regardless of ownership and departmental subordination;
- organizations of professional education.
- higher education institutions;
- research institutes;
- institutes of professional development and retraining of employees of the education system;
- authorized and local Executive bodies in the field of education.

1.7. EDUCATIONAL PROGRAM LEARNING OUTCOMES:

LO1 – Focuses on topical issues of modern philosophy of science and the professional foundations of speech communication.

LO2 – He has theoretical and methodological foundations for the development of the science of pedagogy and psychology, management processes and teaching methods, the essence and content of psychological and pedagogical research.

LO3 – Substantiates the theoretical and methodological foundations of design.

LO4 – Demonstrates creative abilities to independently solve research problems in the field of computer graphics.

LO5 – Systematizes the content and innovative orientation of pedagogical activity in the development of programs, methods, technologies of training and education for professional training.
LO6 – Applies new technologies in expanding the entrepreneurial activity of a professional training teacher.
LO7 – Adapts technological and communication technologies in professional education.
LO8 – Integrates modern innovative and creative approaches for the implementation of educational activities, design and technological activities.

Matrix of correlation of learning outcomes for the EP and the attribute graduates:

	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8
AG1		+	+	+	+	+	+	
AG2	+	+						+
AG3	+	+			+		+	
AG4	+			+		+		+
AG5			+	+	+	+	+	
AG6					+	+		+

1.8. REFERENCES

The educational program is developed based on the following legal acts:

1) Professional standard «Teacher» approved by the order of the Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" No. 133 dated June 8, 2017.

2) SQF of education approved by Protocol No. 2 of the meeting of the sectoral trilateral commission on social partnership and regulation of social and labour relations under the Ministry of Education and Science of the Republic of Kazakhstan dated November 23, 2016.

3) State educational Standard

2. CONTENT OF THE EDUCATIONAL PROGRAM

№	Code and name of modules	Total credits by module	№	Name of subject and code	Credits by subjects	Cycle/component
1	ISE 5011 Integration of science and education	**16**	1	ISE 501 History and philosophy of science	4	CCUC
			2	ISE 502 Foreign language (professional)	4	CCUC
			3	ISE 503 Higher School Pedagogy	4	CCUC
			4	ISE 504 Psychology of management	4	CCUC
2	MFPE- 502	**25**	1	MFPE-501/1 Methodology and technology of pedagogical research	5	CC OC

	Methodological foundations of professional education		2	MFPE-502/1 *Research in the field of vocational education*		CC OC
			3	MFPE-502/2 Methods of teaching general technical special disciplines	5	CC OC
			4	MFPE- 502/2 *Methodological basis and theory of design*		CC OC
			5	MFPE- 503/1 Methodological bases of pedagogical sciences	5	CC OC
			6	MFPE- 503/1 *Theory and practice of educational work in vocational schools*		CC OC
3	PMHSS – 503 Pedagogical management in professional education	**25**	1	PMHSS-501 Modern problems of science and education	5	CM UC
			2	PMHSS-502/1 Pedagogical design: theory and technology	5	CM OC
			3	PMHSS-502/2 *Strategy of success*		CM OC
			4	PMHSS- 503/1 Professional development of the teacher	5	CM OC
			5	PMHSS- 503/2 *Ethics and culture of the teacher*		CM OC
			6	PMHSS- 504/1 Pedagogical management in the system of higher education	5	CM OC
			7	PMHSS- 504/2 *Methods for monitoring and evaluating the quality of the pedagogical process*		CM OC
			8	PMHSS- 605/1 Pedagogical technologies in professional education	5	CM OC
			9	PMHSS- 605/2 *Problems of organization of dual training in vocational and technical educational institutions*		CM OC
4	EPE – 4 **Engineering and pedagogical education**	**21**	1	EPE- 601/1 Computer graphics and modeling	6	
			2	EPE- 601/2 *Innovative technologies in professional training*		
			3	EPE- 602/1 Technique of creative projects in vocational education	6	
			4	EPE- 602/2 *Business planning of an art project*		
			5	EPE- 603/1 Entrepreneurial Economics in Education and Industry	6	
			6	EPE- 603/2 *Information and communication technologies in professional training*		
	RW Research work	38	1	**RW 601** Pedagogical practice	4	CCUC
			2	**RW 5 (6) 02** Research practice	10	MCUC
			3	Undergraduate research work, including internships and the implementation of a Master's thesis (MRW)	24	MSRW
	FE **Final certification**		4	Registration and defense of the Master's thesis (RDMT)	8	FC

TOTAL:	**120**			**120**	

2.1. DESCRIPTION MODULES AND DISCIPLINES

ISE-1 Integration of Science and Education

Description of the module: The module is represented by a set of mandatory disciplines that contribute to the development of information literacy in all spheres of human life and activity. The disciplines of the module are aimed at forming the worldview, civil and moral positions of a competitive future specialist through mastering information and communication technologies, a healthy lifestyle, self-improvement and achieving professional success. Students will be able to understand the content and specifics of the mythological, religious and scientific worldview, analyze the main stages of the historical development of Kazakhstan, and get a general idea of the development of philosophy and the influence of reflection methods on the development of science.

№	Name of subject and code	Cycle/component	Credits	Subject discruption	Teaching methods	LO by EP	Assessment methods
1	History and Philosophy of Science	CCUC	4	History and philosophy of science are obligatory for all Master's degree programs and is an introduction to the general problems of philosophy of science. Science is considered in a broad socio-cultural context and in its historical development. Special attention is paid to the problems of the crisis of modern technogenic civilization and global trends in changing the scientific picture of the world, types of scientific rationality, and value systems that scientists are guided by.	The «Jixo» Method	LO1.	Written examination
2	Foreign language (professional)	CCUC	4	Its main goal is the development of speech skills: the ability to discuss, to express an opinion on various topics and in various situations. The study of grammar focuses on its use in oral speech. The program includes the acquisition and improvement of other language skills: listening, reading, writing, as well as speaking. Studying this course will allow students to gain knowledge of the grammar and vocabulary of the English language, increase the level of language proficiency, improve speaking, reading and translation skills, learn to perceive English speech by ear, and overcome the language barrier. Elementary: understanding simple sentences, building	The «insert» method	LO1.	Written examination

				separate phrases, understanding written and spoken language hardly. Pre-intermediate: reading adapted texts, a small vocabulary. Intermediate: to have conversations on almost any topic, however, finding the right words, phrases and turns of speech, expressing opinions and understanding the interlocutor well, speaking quickly. Upper-intermediate: understanding ordinary English speech, regardless of the speed of speaking or the regional accent of the interlocutor. Advanced: knowledge of phraseological units and idioms specific to the language, reading and understanding texts of any level of complexity. A general English course offers learners the opportunity to become fluent in the language.			
3	Higher School Pedagogy	CCUC	4	Higher School Pedagogy- Higher Education in the modern world. Professional and pedagogical culture of a higher school teacher. Pedagogical communication. Theory of the pedagogical process of higher education. Didactics of higher education. Content of higher professional education. Managing the learning process. Methods and forms of higher school education. Theory of higher school education. Theory of scientific activity of the higher school. Pedagogical technologies. University management.	Method of analysis via the Venn diagram	LO2.	Written examination
4	Psychology of Management	CCUC	4	Psychology of Management- Methodological foundations of management psychology. The development of psychological management theories. General theoretical questions of management psychology. Management analysis. Features personality manager. Psychological features of management tasks. The psychology of ownership. Professional activity manager. Functions of the subject of management. Psychology of managerial	The «Euler circle» method	LO2.	Written examination

				communication. Psychological characteristics of the staff. Psychology of employee motivation. Technology management of the human resources of the organization. Psychological support personnel policy of the organization. Psychology of conflict in the organization. Technology warns of the professional deformation of the individual.			

MFP -2 Methodological foundations of vocational education

Description of the module: As part of the module, students develop the ability to engage in interpersonal social and professional communication in Kazakh, Russian and foreign languages. Students develop practical skills of oral communication in a non-native language, writing and academic writing. The module includes the scientific and theoretical foundations and patterns of the organization of the training process of a future specialist in Higher education, modern pedagogical methodological systems of vocational education, principles, types, forms and methods of contextual learning, skills, intelligence, management of self-development and professional personality of a teacher, self-development in the context of integrative creativity, training of a teacher of vocational training in the system, aimed at understanding the effectiveness of the humanization of the educational process.

№	Name of subject and code	Cycle/component	Credits	Subject discruption	Teaching methods	LO by EP	Assessment methods
1	Methodology and technology of pedagogical research	CC OC	5	Organization of scientific pedagogical research in the field of professional pedagogy. Research methods in professional pedagogy. The methods used to study the specific issues of professional pedagogy. Collection and synthesis of research results. Registration and distribution of the results of pedagogical research.	"insert" method	LO11.	Written examination
2	Research in the field of vocational education	CC OC		Scientific works of scientists who conducted research in the field of professional education. Basic and applied research. Modern methods of pedagogical research. Registration of scientific papers. Interaction of the research group. Preparation of scientific data. Falsification that leads to distortion of research data. Plagiarism and fake copyright.	Method of analysis using a Venn diagram	LO5., LO11.	Written examination

3	Methods of teaching general technical special disciplines	CC OC	5	Tasks and content of professional training. General didactic principles of training in the system of professional training. The system of industrial training. Types of training organizations. Modern forms of professional training. Structure and types of theoretical training sessions. Innovative technologies in professional training. Accounting, verification and evaluation of students ' knowledge, skills and abilities. Planning educational work and preparing a professional training teacher for classes.	Dialog training method	LO5.	Written examination
4	Methodological basis and theory of design			Theory and methodology of design. Definition and types of design. History of design and development. The emergence of new advanced substances. Formation of a harmonious material environment. The beginning of industrial design. Proportion and proportion. The form of integrity and content. Industrial design. Types, features, and design features. The concept of industrial design, its subject, purpose and options. Stages of artistic structuring.	Table-T	LO3.	Written examination
5	Methodological bases of pedagogical sciences	CC OC	5	General concept of methodology. The essence of pedagogical methodology. Levels of pedagogy scientific methodology: Philosophical level, General scientific level, Specific scientific level, Technological level. Methodology of pedagogical activity. Methodological approaches in pedagogical science: systemic, activity-based, personal, axiological, etc. Pedagogy as an applied science. Communication pedagogy with other sciences. Pedagogy as an independent science. Methodological characteristics of pedagogical studies.	"Jigsaw" Method	LO11.	Written examination

6	*Theory and practice of educational work in vocational schools*			*Principles and methods of training. Features of the organization of the educational process in professional educational institutions. The appropriateness of the training. Directions of educational work in vocational schools: civil-Patriotic, legal and multicultural; spiritual and moral. Family education. Ecological education. Aesthetic education. Physical culture. Labor and economic education. Professional and creative education.*	"spider" method (on the poster)	LO5.	Written examination

PMHSS -3 Pedagogical Management in the Higher School System
Module description: formation of students' system of competencies necessary for the implementation of managerial functions in the field of education, culture and art, social sphere, taking into account the implemented state policy in the field of pedagogical management in the higher school system, the formation of strategies and tactics for the development of relevant organizations.

№	**Name of subject and code**	**Cycle/component**	**Credits**	**Subject discruption**	**Teaching methods**	**LO by EP**	**Assessment methods**
1	Modern problems of science and education	CM UC	5	Science as a sociocultural phenomenon. Knowledge, knowledge and its forms. Science and practice: the problem of interconnection and interaction in the education system. Scientific knowledge as a system and activity. The system of Kazakhstan education and the concept of its modernization. Sources, factors and main approaches to the modernization of the vocational education system. The problem of developing the content and structure of vocational education.	"Cubism» method	LO6.	Written examination

2	Pedagogical design: theory and technology	CM OC		General framework of the design. Cultural and innovative nature of design. Social design. The essence of pedagogical design. The study and the types of pedagogical design. Pedagogical design and management. Regularities and principles of pedagogical design. Technologies of pedagogical design. Conditions for organizing pedagogical design. The logic of the implementation of the pedagogical design. Results of pedagogical design and evaluation. Technology of the design of pedagogical activity.	Dialog training method	LO6, LO10.	Written examination
3	*Strategy of success*	CM OC	5	*Conceptual rules of strategic management. Development of a strategic plan for the organization: target stages. Development of a strategic plan for the organization: the stages of diagnosis. strategic alternatives, their variants and combinations. Competitive advantage strategy. the choice of the direction of development. Manage and monitor the implementation of the Strategic Plan. Strategy implementation: real-time control. Strategy implementation: management within the framework of strategic changes.*	"Jigsaw" Method	LO6, LO10.	Written examination
4	Professional development of the teacher	CM OC	5	Pedagogical culture is characteristic of the professionalism of a professional teacher. The basis of the formation of the pedagogical skills of the teacher in the professional-pedagogical business. Pedagogical erudition and conditions of competence and pedagogical skills. Pedagogical equipment is a key element of pedagogical skills. The language of the teacher, speech, the main condition of pedagogical skills. Pedagogical communication - the structure of pedagogical skills. The main elements of pedagogical ethics and pedagogical relations.	The Fishbone method (on the poster)	LO6.	Written examination

5	*Ethics and culture of the teacher*	CM OC		*Subject and tasks of professional and pedagogical ethics. Moral consciousness of a University teacher. The essence of the concepts "ethics", "morality", "professional etiquette", "culture". Professional ethics; a teacher and his activities; a group of teachers and students; a teacher-psychologist and his activities; a teacher and parents; a teacher and colleagues; an educator and public organizations. The theoretical and methodological bases of the professional and ethical training of future teachers of professional education.*	Dialog training method	LO6.	Written examination
6	Pedagogical management in the system of higher education	CM OC	5	The concept of pedagogical management. Pedagogical management system in higher education. Basic management requirements. Management methods. Principles of management. Management decisions in the management system. Management functions and planning. The main types of planning. Types of planning. Supervision control function. Indicators and a dimensional system for determining the degree of training of highly qualified specialists. Teaching qualification and certification.	"Concept table" method	LO5., LO10.	Written examination
7	*Methods for monitoring and evaluating the quality of the pedagogical process*	CM OC		*The essence, content and main characteristics of educational monitoring. Goals, objectives, implementation mechanisms, monitoring performance indicators in the education system. The main principles for assessing the quality of education are systematization, stability and orientation. Objects for assessing the quality of education. Measurement of indicators and their comparison with criteria values, assessment.*	Dialog training method	LO5.	Written examination
8	Pedagogical technologies in professional	CM OC	5	Modern educational technology as a subject. Modern technologies are innovative technologies. Genesis and historical development of	Method pyramid dumplings maslaiev	LO6.	Written examination

	education			technologies in the education system. Terminological apparatus of educational technology. Types of educational technology. Routing. Methodology of using modern educational technologies in lessons. Interdisciplinary communication with other disciplines, studied in higher educational institutions of modern educational technology. Technologies based on the humanization and democratization of pedagogical communication.			
9	*Problems of organization of dual training in vocational and technical educational institutions*	CM OC		Comparative analysis of the current situation abroad on the implementation of the dual training system. Model of dual education in Kazakhstan. Principles of the dual training system. Advantages of the dual training system. The main stages of implementing the dual training system. Possible risks of implementing the program.	Dialog training method	LO7, LO10.	Written examination

EPE– 4 Engineering and Pedagogical Education
Description of the module: The module forms a system of competencies for students aimed at solving professional tasks related to the implementation of engineering technologies, which is mandatory for pedagogical specialties.

№	Name of subject and code	Cycle/component	Credits	Subject discruption	Teaching methods	LO by EP	Assessment methods
1	Computer graphics and modeling		6	The main directions of computer graphics. Basic principles of modeling. Classification of models. The technology of creating models. Graphical situation modeling. Modeling stages. Model building. Execution of drawings with technical and economic calculations. The study of the basic drawings of the product, drawings of small parts, features of the model. Analysis and processing of simulation results. Modeling of production processes.	"Jigsaw" Method	LO4.	Written examination

2	*Innovative technologies in professional training*			*Innovations and trends in the clothing industry. Innovation in product development. Use of computer technologies in the garment industry. Features of automation of design training. The evolution of the CAD system "Grazia". To design clothing in CAD. Unique properties of materials. "Smart" fabrics. Nanotechnology in textiles. Therapeutic tissue. The use of antibacterial fibers in clothing and underwear. Production and application of multilayer materials in the production of clothing.*	"spider" method (on the poster)	LO8.	Written examination
3	Technique of creative projects in vocational education		6	The content of the stages of creative design. Features of creative project development. The system of implementation of the creative project basic requirements for the creative project. Demand for products. Analysis and research of clothing models of different styles and stages. Research of ways of combining the compositional decision on the example of classical and modern models of clothes. Creative clothing design.	Dialog training method	LO8., LO10.	Written examination
4	*Business planning of an art project*			*Purpose, functions and structure of a business plan. Features of business planning in small business. Methodological principles of business planning. Analysis of the organization being created. Analysis of the external environment of the organization. PEST analysis method. SWOT-analytical method. Analysis of the internal environment of the organization. General description of the project gallery. Legal structure. Room. Staff. Costs. Profit.*	"SMART (smart goal)»	LO9.	Written examination
5	Entrepreneurial Economics in		6	*The concept of business and its distinctive features. Conditions and features of business activities in*	Table T	LO6.	Written examination

	Education and Industry			*Kazakhstan. Basic organizational and legal issues of business. The main types of business activities. The essence of industrial entrepreneurship. The essence of business entrepreneurship. Types of consulting services and methods of their implementation. Characteristics of financial entrepreneurship.*			
6	*Information and communication technologies in professional training*			Formation of the information society: a new concept of education. Education in the information society. New models of education in the information society. Main trends in the development of the education system in the information society. Psychological and pedagogical aspects of the development of the education system in the information society. Socio-economic aspects of the development of the education system in the information society. Information technologies and the quality of education. ICT for learning. ICT for teaching. ICT projects in education.	"spider" method (on the poster)	LO7., LO11.	Written examination

RW – 5 Research Work

Module description: the content of the research work of undergraduates includes: compliance with the subject of the specialty, relevance, scientific novelty and practical significance, justification of theoretical, methodological and technological achievements of science and practice, modern methods of data processing and interpretation using information and computer technologies. The content of the study consists of three sections (methodological, theoretical, practical).

№	Name of subject and code	Cycle/component	Credits	Subject discruption	Teaching methods	LO by EP	Assessment methods
1	Pedagogical practice		4	Pedagogical practice is conducted in order to form practical teaching skills and teaching methods. At the same time, undergraduates are involved in conducting classes in the bachelor's degree.	Educational process	-	Report
2	Research practice		3	In research practice, undergraduates form the skills of research work, master the methods and techniques of	Practical work	-	Report

					research. Gaining experience for independent theoretical training. Examines materials on specified topics in the institution where the practice took place, systematizes them, reports.			
3	Research practice		7		In research practice, undergraduates form the skills of research work, master the methods and techniques of research. Gaining experience for independent theoretical training. Examines materials on specified topics in the institution where the practice took place, systematizes them, reports.	Practical work	-	Report
4	Research work of a master's student, including internship and completion of a master's thesis (NIRM)/	MRW	1	2	Undergraduates get acquainted with innovative technologies and new types of production in accordance with the specialty and approved topics, as well as collect theoretical and practical material for a dissertation, master methodological principles, publish research results, draw scientific conclusions on topics, report	Experimental and practical work	-	Report
	Methods of scientific research		1		The discipline examines the basic concepts of research work, scientific methods of research, the validity of the choice of groups of methods in conducting various studies, general scientific, formal-logical, interdisciplinary research methods in the field of subject research, the main problems of research practice. The discipline forms the skills of using research methods in the field of subject research.	Experimental and practical work	-	Report
5	Research work of a master's student, including internship and completion of a master's thesis (MRW)/	MRW	2	4	Undergraduates get acquainted with innovative technologies and new types of production in accordance with the specialty and approved topics, as well as collect theoretical and practical material for a dissertation, master methodological principles, publish research results, draw scientific conclusions on topics, report	Experimental and practical work	-	Report

	Academic Writing		2			Experimental and practical work	-	Report
6	Research work of a master's student, including internship and completion of a master's thesis (NIRM)/	MRW	3	7	Undergraduates get acquainted with innovative technologies and new types of production in accordance with the specialty and approved topics, as well as collect theoretical and practical material for a dissertation, master methodological principles, publish research results, draw scientific conclusions on topics, report	Experimental and practical work	-	Report
	Research methods		4		Methods of scientific research (intensive course) – in the course of studying the discipline, a doctoral student, using the experience and knowledge accumulated up to this period, depending on his field of study, will be able to develop and draw up a research plan that he considers acceptable, as well as the possibility of choosing a dissertation topic, how to approach the choice of domestic and foreign scientific supervisors. In addition, sufficient information will be given about the types of research contained in the design of the research paper. Thus, the doctoral student will be given the opportunity to systematize the writing of a research paper and get acquainted with other methods of scientific research. Knowledge about the use of quantitative, qualitative, mixed research methods, methods of data collection, research ethics, and information necessary for the research process, such as data analysis, will be improved.	Experimental and practical work	-	Report

7	Registration and defense of the Master’s thesis (RDMT)	MRW	11	Research training of undergraduates is the study of not only the execution and defense of a master's thesis by a master's student, but also special programs of a research nature. Additional forms of preparation of undergraduates for research activities within the framework of the educational process are the performance of thematic tasks of a research nature, the preparation of scientific abstracts, participation in scientific and practical conferences, passing research practice, etc.	Experimental and practical work	-	Report
8	**Final certification**	8	ИА	Registration and defense of a master's thesis	Completion of the dissertation work, completede	-	Protection

3. RESOURCE SUPPLY OF THE EDUCATIONAL PROGRAM

3.1. LIBRARY FUND

One of the important indicators of the quality of training according to the educational program is the provision of students with educational, educational-methodical, scientific, reference, fiction and periodicals.

The library fund for OP 7M01402 Vocational Training as of May 1, 2023 is 185 copies, including 105 copies in the state language, 70 copies in Russian and 10 copies in foreign languages.

The University Library provides students and PS with access to databases: IPRbooks, Polpred, Alembook, Web of Science, Elsevier (Scopus).

Access to the Republican Interuniversity Electronic Library (RMEB), which combines electronic educational and scientific resources from universities of the Republic of Kazakhstan, has been provided.

Students of the educational program have access to the following scientific journals: Science and Life of Kazakhstan. International-popular scientific journal, Bulletin of KAZGAS, Bulletin of Kazgoszhenpu, Bulletin of KazNPU. Abaya, Bulletin of Gumilev YSU (according to the profile of the educational program), also the magazine BURDO, Artistic work for the school.

Since 2010, the library has been providing students of Kaznatszhenpu with the opportunity to familiarize themselves with the content of master's theses in the traditional format (more than 150 titles), half of which, to date, have been translated into PDF format.

Also, students can use the "Kaznatszhenpu Electronic Library" service, which provides access to the electronic library from a computer from anywhere in the world in 24/7 format (website address: lib.kazmkpu.kz). The electronic library database provides students with about 10,000 units of full-text sources, more than 1,000 units of licensed books, 6676 units scanned by library staff, and about 300 units of books belonging to the sources of the rare fund.

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3.2. TEACHERS STAFFING

The educational program is implemented by the Chairs _____. Quantitative and qualitative indicators of faculty serving the educational program (disciplines of basic and major cycles):

Total number of faculty – 4 people, including:

Doctor of science – 1

Candidate of Sciences – 3

Ph.D – 1

Masters' – 0

The ratio of degree awarded faculty members of the EP– 100%.

Qualification characteristics of the faculty members within the educational program are reflected in the Human Resources Manual.

The qualification characteristics of the teaching staff of the educational program are reflected in the **Personnel Directory.**

3.3. MATERIAL AND TECHNICAL BASE

The University has all the necessary educational and material assets to implement its goals and objectives. Buildings and structures of the University comply with current sanitary standards and fire safety requirements. Areas owned by the University – classroom and laboratory facilities, classrooms, workshops and other facilities, sports facilities meet the established standards and rules. The University has a modern social infrastructure. There are buffets and a canteen in the academic buildings. Nonresident students are provided with a hostel. There are 7 student dormitories with 3066 students, as well as one house of scientists for teaching staff. On the territory of the University there is a medical center, a psychological center called "Zhan Shuagy".

The Department of Professional Training provides lectures, seminars and practical classes, 3 special workshops, 1 computer class and other available material and technical base. The resources needed for all students and teachers are easily accessible. Sufficient study space is used in the educational process, the resources involved create a solid Foundation for the quality implementation of the educational program.

Practice bases:

№	Name of company	№ and contract date
1	Almaty College of Technology and Floristry	No. 48 25.01.2022
2	Almaty University of Humanities and Economics, Institute of Design and Technology "Symbat"	No. 49 03.06.2022

4. LONG-TERM PLAN FOR THE DEVELOPMENT OF THE EDUCATIONAL PROGRAM

№	Content of the event	Implementation period	Responsible
Educational and methodological direction			
1	Verification and analysis of the educational and methodological complex of the subject, specialty (UMKD, UMKS), approval of the evaluation heading and its entry into the Univer system.	September	Rakhmetova N.B. Teaching staff of the department
2	Conducting an online seminar with OP consultants and employers for the 2023-2024 academic year	October	Program leader, faculty of the department, employers
3	The issue of academic mobility: implementation of international relations with domestic and foreign higher education institutions, conclusion of contracts, semester exchange of training with students	Academic year	Program Leader, Academic Affairs Department, Legal Department
4	Providing the educational process with new literature, teaching aids	November	Rakhmetova N.B

5	Comparative analysis of educational programs with the programs of Nazarbayev Intellectual schools and foreign universities, introduction of new disciplines, revision of learning outcomes.	Academic year	Program leader, faculty of the department, employers
6	Educational and methodological seminar on the topic "The importance of improving the quality of education based on modern pedagogical technologies".	January	Program leader, Faculty of the Department, Ph.D. N.B.Rakhmetova
7	Organization of a creative competition among students of universities and colleges on the theme "Folk Crafts and Crafts"	February	Teaching staff of the department
8	Analysis and recommendations of educational programs for the 2024-2025 academic year for 6B01402 Visual art, art work, graphics and design, 7M01403 Art work, graphics and design	February	Program leader, faculty of the department, employers
9	Discussion and approval of elective subjects proposed for the 2023-2024 academic year. Revision and improvement of the content of the OP working curriculum.	March	Program Leader, OP Developers, Teaching staff of the department
Research direction			
1	Invitation of foreign scientists, entrepreneurs of creative production to give a lecture (speech).	october	Program leader, faculty of the Department Department of Science
2	Conclusion of a memorandum with educational institutions and museums, exchange of experience	december	Program Leader, Academic Affairs Department, Legal Department
3	Conducting a republican scientific seminar	January	Program leader, faculty of the Department
4	Conducting research between Universities of the Republic of Kazakhstan on OPERATIONS 6B01404 - Vocational training, 6B01402 - Visual art, artistic work, graphics and design	april	Program leader, faculty of the Department
5	International online internship of teaching staff. SKLAD ICET	april	Program leader, faculty of the Department
6	Organization of a creative "Collaboration" with a world-famous artist-designer	May	Program leader, faculty of the Department
7	Organization of the international summer school - plein air "Almaty ART" for the 80th anniversary of the University	June	Program leader, faculty of the Department

8	Participation of students in a startup project	During the year	Teaching staff of the department, advisors
9	Participation in the International Symposium "Turkic World"	June	Program leader, faculty of the Department
Educational direction			
1	Knowledge Day "An educated country is an eternal country". Open lesson on educational work	September, 2023	1st-4th year students, advisors
2	Conducting an open lesson, discussion, etc. on the topic "Glorifying the friendship of peoples" orientation to the future.	January, 2023	Advisors: Shagirova K., Otegenova. B.
3	Organization of an open educational lesson on the topic "Digital Kazakhstan – the future of our country".	February, 2024	Advisors Kaldybaeva K.
4	Organization of the round table "National treasure is a precious treasure".	October 2023	Advisors: Otegenova B.
5	Exchange of lectures and interviews with art critics of the A. Kasteev Art Museum about the exhibition "Gallery - Art"	March 2023	Adviser: Kaldybayeva G., Shakirova K.
Professional development			
1	"The use of digital technologies in art education"	During the school year	Teaching staff of the department
2	ART Management Technology	During the school year	Teaching staff of the department
3	English Language courses	During the school year	Teaching staff of the department
Career guidance work			
1	Providing timely up-to-date information of high-quality booklets explaining the main types of information about admission in 2024, agitation of applicants for training areas and specialties, participation in career guidance activities of future applicants	During the school year	Master, senior lecturer Abdrakhmanova G.A.
2	Publication of articles on career guidance in republican, regional and district publications	During the year	Department of Teaching Staff
3	Planning and conducting methodological work on choosing a profession in schools and vocational colleges	october	Master, senior lecturer Abdrakhmanova G.A.
4	Organization of career guidance work with the teaching staff of the department (articles, trainings, etc.)	January	Master, senior lecturer Abdrakhmanova G.A.
5	Conducting a webinar on the topic "My profession is my pride, my professional opportunities" at Karakemer Vocational School, Almaty Fashion	January	Master, senior lecturer Abdrakhmanova G.A.

	and Design, Almaty Floristics and Shonji Polytechnic College (online)		
6	Involvement of graduate students and undergraduates in career guidance activities with students in educational institutions and the university.	During the year	Master, senior lecturer Abdrakhmanova G.A., Department of Teaching Staff
7	On the theme "Independence is the foundation of the country – a talented generation dedicated to the 32nd anniversary of the independence of the country", the republican online Olympiad among schoolchildren in the subjects "Fine Arts" and "Labor Technology"	december	Program leader, faculty of the Department
8	Participation in the "Job Fair"	May	Program leader, faculty of the department, advisors