



2. CONTENT OF THE EDUCATIONAL PROGRAM

№	Module name	Acad. credits	№	Discipline code and name	Acad. credit discipline.	Cycle/ component
1	ISE Module-1 Integration of science and education	16	1	ISE 501 History and Philosophy of Science	4	CC/ UC
			2	ISE 502 Foreign Language (Professional)	4	CC/ UC
			3	ISE 503 Higher School Pedagogy	4	CC/ UC
			4	ISE 504 Psychology of management	4	CC/ UC
2	Module 2 SC Subject competence	24	1	SC 6206/1 Philosophy and pedagogical concepts of early development SC 6206/2 Gamification in preschool education	5	CC/ OC
			2	SC 6207/1 Methodological support of preschool education SC 6207/2 Psychological and pedagogical expertise of the educational process in Preschool education	5	CC/ OC
			3	SC 6208/1 Design of educational activities of preschool organizations SC 6208/1 2 Technology for developing a program for the development of a preschool organization	5	CC/ OC
			4	SC 5307 History and philosophy of preschool education	5	MC/ UC
			5	SC 5310/1 Methods of teaching pedagogic disciplines SC 5310/2 Pedagogical deontology	4	CC/OC

4	Module 3 PC Professional competencies	13	1	MC 6398/1 Assessment of the quality of preschool education MC 6309/2 Organization of pre-school organization marketing activities	5	MC/OC
			2	MC 5310/1 Methods of experimental work in pedagogical research MC 5310/2 Fundamentals of scientific creativity	4	MC/OC
			3	PC 5205 Pedagogical practice	4	CC/ UC
5	RW Module 4 Research work	63	1	RW 5301 Academic Writing	4	MC/ UC
			2	RW 5302 Analysis of literature, theoretical and conceptual frameworks in the field of social pedagogy	4	MC/ UC
			3	RW 6303 Conceptual basis of the study	5	MC/ UC
			4	RW 5304 Study design and ethical standards	6	MC/ UC
			5	RW 5305 Quantitative research and data analysis	5	MC/ UC
			6	RW 5306 Qualitative research and data analysis	5	MC/ UC
			4	RW 602 Research practice	6	MC/ UC
5	RW5(6)03 Undergraduate research work, including internships and the implementation of a Master's thesis (MRW)	24	MSRW			
6	FE Final evaluation	8	1	FE 601 Registration and defense of the Master's thesis (RDMT)	8	FC
TOTAL:		120			120	

2.1 INTRODUCTION TO MODULES AND DISCIPLINES

ISE – 1 Integration of science and education							
<i>Module description:</i> Possesses the skills of differentiation of scientific and informational texts at the academic level in the organization of research work, conducting scientific research, including various research methods related to the subject area of research.							
№	Code and name of the discipline	Cycle/ component	Acad. credits	Short description of discipline	Teaching methods	Learning Outcome Generator	Evaluation methods
1	ISE 501 History and philosophy of science	CC/UC	4	History and philosophy of science is 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, value systems that scientists are guided by.	- joint work (steam room, group); -individual and joint research work, - discussions, -work with various sources of information (books, lectures, the Internet, documents, etc.), - creative work, - case study, - presentations	LO1 LO2	written
2	ISE 502 Foreign language (professional)	CC/UC	4	Foreign language (professional) Its main goal is the development of	- joint work (steam room, group); -individual	LO2 LO3	written

			<p>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.</p> <p>Studying on this course will allow students to gain knowledge of 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, overcome the language barrier. Elementary: understanding simple sentences, building separate phrases, understand 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 phraseological units and idioms specific to the language,</p>	<p>and joint research work, - discussions, -work with various sources of information (books, lectures, the Internet, documents, etc.), - creative work, - case study, - presentations</p>		
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				reading and understanding texts of any level of complexity. General English course offers learners the opportunity to become fluent in the language.			
3	ISE 503 Higher School Pedagogy	CC/UC	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.	- joint work (steam room, group); -individual and joint research work, - discussions, -work with various sources of information (books, lectures, the Internet, documents, etc.), - creative work, - case study, - presentations	LO 2 LO 3 LO 5	written
4	ISE 504 Psychology of management	CC/UC	4	Psychology of management- Methodological foundations of management psychology. The development of psychological management theories. General theoretical questions of management psychology. Management analysis. Features	- joint work (steam room, group); -individual and joint research work, - discussions, -work with	LO1 LO2	written

				<p>personality manager. Psychological features of management tasks. The psychology of ownership. Professional activity manager. Functions of the subject of management. Psychology of managerial communication. Psychological characteristics of the staff. Psychology of employee motivation. Technology management of human resources of the organization. Psychological support personnel policy of the organization. Psychology of conflict in the organization. Technology warning professional deformation of the individual.</p>	<p>various sources of information (books, lectures, the Internet, documents, etc.), - creative work, - case study, - presentations</p>		
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Module 2 Subject Competence

Module description: The module is mandatory in the training of teachers of a preschool organization and represents the basics of the taught discipline.

№	Code and name of the discipline	Cycle/ component	Acad. credits	Short description of discipline	Teaching methods	Learning Outcome Generator	Evaluation methods
1	Philosophy and pedagogical concepts of early development	CC/ OC	5	The course is aimed at the formation of professional competencies in the field of preschool education, through the development of modern approaches, the study of their own practices. Undergraduates demonstrate knowledge of philosophical and pedagogical concepts of childhood; preschool childhood as a socio-cultural and	- joint work (steam room, group); -individual and joint research work, - discussions, -work with various sources	LO3 LO4 LO5 LO6	Written

				<p>pedagogical phenomenon; problems of early development of a child as a subject of children's activity; trends in the development of modern preschool education. They analyze the research of the problems of modern childhood. Initiate general didactic principles of selection of the content of education of preschool children. Determine the specifics, the genesis of children's activities (play). They search and analyze scientific information using digital tools, are able to argue a point of view based on the fundamental foundations of the course being studied.</p>	<p>of information (books, lectures, the Internet, documents, etc.), - creative work, - case study, - presentations</p>		
	Gamification in preschool education			<p>The discipline considers gamification in preschool education, the organization of play activities of preschool children, which ensures the development of the child's life experience. Undergraduates demonstrate knowledge of the essence of gamification, design thinking, gamification tools in the organization of the kindergarten educational process. They design game modeling in teaching, integrate the game form into the non-game process, use digital educational resources for didactic support of organized activities of preschoolers. They develop quests - digital content for preschool children, programs for working with families. Provide timely, effective</p>	<p>- joint work (steam room, group); -individual and joint research work, - discussions, -work with various sources of information (books, lectures, the Internet, documents, etc.), - creative work,</p>	<p>LO3 LO4 LO5 LO6</p>	<p>Written</p>

				feedback on the evaluation results. They track the effectiveness of their professional achievements.	- case study, - presentations		
2	Methodological support of preschool education	CC/ OC	5	The scientific basis of the organization of methodological work in PO: methodological activity as a specific type of activity in the educational system, approaches to the organization of methodological work and model of methodological work in PO. Modern technologies for organizing methodological work. Criteria and performance indicators of methodological work in PO. The results of monitoring the educational process in and professional skill of teachers as an indicator of the effectiveness of methodological work in pre-school education	They will be taught by scientific methods using information and communication technologies, educational discussion, and group activity technologies	LO 5; LO 6; LO 7; LO 9	Written
	Psychological and pedagogical expertise of the educational process in Preschool education			Theoretical and methodological foundations of the organization of psychological and pedagogical examination of the educational process in PO. The essence of the organization of psychological and pedagogical examination of the educational process in PO. Classification of approaches to the organization of psychological and pedagogical examination of the educational process. Principles, functions, stages, conditions for the organization of psychological and pedagogical examination of the educational process in	Extensive use in the educational process of business games, analysis of pedagogical situations, viewing videos with subsequent discussion, discussions,	LO 6; LO 7; LO 8; LO 9	Written

				the PO. The use of expert methods in assessing the educational process in pre-university education. The concept and classification of expert methods used in the educational process in PO. Stages of examination, expert opinion. Requirements for the expert.	brainstorming.		
3	Design of educational activities of preschool organizations	CC/OC	5	Features of pedagogical design of the educational process in PO. The content of design types in education. Technologies for the design of the educational process in PO. Diagnostics of the quality of pedagogical design. Features of the formation of design competence of specialists PO. The purpose and objectives of designing an educational program of preschool education. Appointment EP TO. The requirements of the SCES of the RK to the conditions of implementation and the results of the development of educational institutions of pre-school education as the basis for the content and organization of educational activities at the preschool level. Designing the content of the educational areas “Health”, “Communication”, “Cognition”, “Creativity” “Socium”. Designing the mandatory part of the educational program and the part formed by the participants in educational relations. Description of the content of the main sections of the Program (targeted,	Audio-video equipment (video projectors) and information technologies (presentations in Power-Point, video recordings, interactive whiteboard for demonstration of diagrams) will be involved.	LO6 LO7 LO 8 LO 9	Written

				substantive and organizational).			
	Technology for developing a program for the development of a preschool organization			The historical aspect of creating programs for preschoolers. Regulatory support for preschool education programs. The structure and content of new generation programs. The procedure for introducing modern educational programs and technologies into the work of a preschool organization. Stages of the preparation of the educational program: the preparatory stage of the development of the educational program. Stage of development of the project of the educational program, its expert assessment. The stage of implementing projects in practice, their approbation	Method "tree decisions" "Press conference" The project method of teaching	LO3 LO4 LO5 LO6	Written
4	History and philosophy of preschool education	MC/ UC	5	General questions of preschool education. Modern systems of preschool education abroad. Development of preschool education in Kazakhstan. Methodological approaches in preschool education. Problems of the development of the child's personality in the field of education. Theoretical and methodological problems of play and creative activity of preschool children. Theoretical foundations of building the educational space of a preschool organization. The main issues of family education.	Method "Socratic dialogue" Training thematic discussions; - brainstorming;	LO3 LO4 LO5 LO6	Written

5	Methods of teaching pedagogic disciplines	MC/ OC	4	<p>The subject and objectives of the teaching methodology of pedagogical disciplines. Integration and differentiation of pedagogical disciplines. The structure and content of the pedagogy course. Technology of teaching pedagogy. Methodological characteristics of the course "Introduction to the teaching profession". Methodological characteristic of the section "General fundamentals of pedagogy". Methodological characteristics of the sections "Didactics", "Theory of Education". The methodological characteristic of the section "History of Pedagogy". Special courses in pedagogy. Features of their teaching.</p>	<p>Method " Socratic dialogue" Training thematic discussions; - brainstorming;</p>	<p>LO3 LO5 LO8 LO10</p>	Written
	Pedagogical deontology			<p>Introduction to "Pedagogical deontology" The essence of the concept of "deontology". Pedagogical deontology as part of pedagogical ethics, the science of the teacher's professional behavior. The subject of pedagogical deontology. Professional self-improvement of the personality of the teacher. The content and methods of professional and pedagogical self-education. Professional introspection. Professional projects, features of their design.</p>	<p>They will be taught by scientific methods using information and communication technologies, educational discussion, and group activity technologies</p>	<p>LO5 LO6 LO8 LO10</p>	Written

Module 4 Professional Competencies							
Module description: Module disciplines are aimed at formation of professional, individual, general pedagogical, reflexive competencies							
№	Code and name of the discipline	Cycle/ component	Acad. credits	Short description of discipline	Teaching methods	Learning Outcome Generator	Evaluation methods
1	Assessment of the quality of preschool education	MC/OC	5	Assessment of the quality of preschool education. Systems for assessing the quality of education and educational services. Study and assessment of the conditions and results of educational activities in the system of assessing the quality of preschool education. Assessment of the dynamics of achievements. Cumulative achievement assessment system. Pedagogical monitoring as a tool for assessing the quality of preschool education. Types and directions of monitoring in the system for assessing the quality of preschool education. Monitoring the development of the child's personality.	"SWOT analysis" method- reflection Method	LO 4; LO 5; LO 6; LO 7	Written

	Organization of pre-school organization marketing activities			Marketing educational services as a direction of managerial activity. The specifics of marketing services. The reasons for the intensive development of marketing in the field of preschool education. the purpose of marketing activities in a preschool organization. principles of modern marketing activities. Functions and stages of marketing activities. Factors of the marketing microenvironment. Parents as consumers of educational services before. Modern approaches and technologies for managing marketing activities in subsidiaries. Marketing planning in kindergarten.	FISHBONE method Method "SWOT analysis" - Method "Chain"	LO 4; LO 5; LO 6; LO 7	Written
2	Methods of experimental work in pedagogical research	MC/OC	4	The main types of research. The structure and elements of the research program. Study sample. Techniques for collecting qualitative or quantitative empirical data. Basic descriptive data analysis. Inductive methods of mathematical processing of observation results. Methods for assessing the reliability of differences. Methods for calculating elementary statistics. Correlation methods for mathematical processing of observation results. Interpretation of data analysis results.	Discussion Partially-search Study Case study Role play	LO3 LO5 LO11 LO12	Written
	Fundamentals of scientific creativity			The essence and methodology of scientific creativity. Scientific knowledge as a subject of methodological analysis.	Communication technologies based on active	LO6 LO9 LO11	Written

				<p>Components of scientific creativity. Modern scientific research in pedagogy. Scientific discourse. Linguistic features of the scientific style. Text. Typical types of analytic text composition. Types of headings. Classification of scientific and popular science articles. A scientific article as a genre, its characteristics. Structural elements of a scientific article. Style and language of a scientific article. Basics of abstracting and annotation. Summary, abstract, abstract: content and fundamental differences. Essay. Rules of preparation. Review and review. Guidelines. Principles of oral presentation. Building an oral presentation. Receptions of reasoning. Argumentation: rules and errors. How to create a speech. How to interest listeners. Norms of registration of scientific research (citation, bibliographic references, registration of borrowings). Academic writing. Critical reading.</p>	<p>forms and methods of training will be used (brainstorming, discussion, press conference, dispute-dialogue, educational debates</p>	<p>LO12</p>	
3	<p>Pedagogical practice</p>	<p>CC/ UC</p>	4	<p>Pedagogical practice of master's students includes an introduction to teaching methods, familiarization with the basic approaches and methods of teaching and education, as well as practical training, which includes organizing and conducting lessons or activities in accordance with the curriculum and</p>	<p>Educational process</p>	<p>-</p>	<p>Report</p>

				program <i>in higher education</i> . An important aspect is working with students, including adapting materials to their level and needs, as well as assessment and feedback to improve teaching skills and prepare for future professional activities on a scientific basis.			
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MRW – 4 Master’s student research work

Module description: Enables undergraduates to apply theoretical knowledge in pedagogical and research practice. The internship will determine the direction of research work, including dissertation, and improve its quality.

№	Code and name of the discipline	Cycle/ component	Acad. credits	Short description of discipline	Teaching methods	Learning Outcome Generator	Evaluation methods
1	RW 5301 Academic Writing	MC/UC	4	The discipline develops skills in written expression in an academic context. The course includes the study of the structure of scientific text, methods of research and argumentation, rules of citation and references. Master's students will master the techniques of planning, writing and editing scientific essays, reviews and research articles, issues of academic ethics and rules for formatting work. Through practical assignments and feedback, master's students will develop the ability to express their ideas clearly, logically and convincingly within the		LO 7 LO 11 LO 12	essay

				framework of academic discussion.			
2	RW 5302 Analysis of literature, theoretical and conceptual frameworks in the field of social pedagogy	MC/ UC	4	During the course, undergraduates conduct a critical analysis of scientific research, develop their own research approaches, and apply comparative analysis skills to understand key concepts and trends in the educational field. Each assignment is aimed at developing the skills of critical thinking and analytical work with scientific materials, which helps undergraduates not only gain a deeper understanding of the subject area, but also prepare to create their own research projects .		LO 7 LO 11 LO 12	essay
3	RW 6303 Conceptual basis of the study	MC/ UC	5	During the course, Master students study various research methods used for data analysis, including general, empirical and theoretical research methods. They will learn how to correctly select a research method for further research, as well as formulate a research question.They are also introduced to the principles of sampling, data collection, and evaluating the reliability and validity of measurement tools. The course includes both theoretical foundations and practical skills, allowing Master students to conduct independent research.		LO 7 LO 11 LO 12	Written

4	RW 5304 Study design and ethical standards	MC/ UC	6	<p>Master's students study various aspects of research design, including formulating research questions, choosing methodology, developing data collection instruments, and planning data analysis procedures. In addition, the course emphasizes the ethical norms and standards governing educational research, such as data confidentiality, the rights and well-being of research participants. Training includes the practical application of acquired knowledge to design and carry out research projects, providing undergraduates with the necessary skills to conduct high-quality and ethical research in the field of education.</p>		LO 7 LO 11 LO 12	essay
5	RW 5305 Quantitative research and data analysis	MC/ UC	5	<p>During the course, undergraduates learn various statistical methods used to analyze educational data, including descriptive and inferential statistics, correlation analysis, regression analysis and factor analysis. They also become familiar with the principles of sampling, data collection, and assessing the reliability and validity of measurement instruments. The course includes both theoretical foundations and practical skills, allowing undergraduates to conduct independent research and analyze educational data using modern</p>		LO 7 LO 11 LO 12	Written

				statistical software.			
6	RW 5306 Qualitative research and data analysis	MC/ UC	5	During the course, undergraduates learn various statistical methods used to analyze educational data, including descriptive and inferential statistics, correlation analysis, regression analysis and factor analysis. They also become familiar with the principles of sampling, data collection, and assessing the reliability and validity of measurement instruments. The course includes both theoretical foundations and practical skills, allowing undergraduates to conduct independent research and analyze educational data using modern statistical software.		LO 7 LO 11 LO 12	Written
7	Research practice	MC UC	7	As part of the implementation of research practice, the master's student carries out experimental work; is able to work with educational organizations and educational and methodological complexes on the issues of education and upbringing of children	Practical work	-	Report
8	Master students' research work, including internships and the implementation of a Master's thesis (MRW)	RWM	2	As part of the research work, a master's student can conduct a comparative analysis based on the results of the study, develop a model within the framework of research in the field of education and upbringing of children, develop methodological recommendations that	Experimental and practical work		Report

				<p>can be used for work in organizations. As part of the implementation of research work, the undergraduate understands the methodology of research, makes up the scientific apparatus; on the basis of achievements in the field of preschool education, carries out experimental research, reflects the results of research work. A master's student gets the opportunity to conduct research on the basis of a kindergarten that carries out the educational process of preschool children in accordance with the topic of education research; to receive an Act of implementation. Research work of a master's student, including an internship and the completion of a master's thesis (MRW).</p> <p>Research work of a master's student, including an internship and the completion of a master's thesis (MRW).</p>			
	Intensive course			<p>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</p>			Report

					research.			
6	Master students' research work, including internships and the implementation of a Master's thesis (MRW)	RWM	5		As part of the research work, a master's student can conduct a comparative analysis based on the results of the study, develop a model within the framework of research in the field of education and upbringing of children, develop methodological recommendations that can be used for work in organizations. As part of the implementation of research work, the undergraduate understands the methodology of research, makes up the scientific apparatus; on the basis of achievements in the field of preschool education, carries out experimental research, reflects the results of research work. A master's student gets the opportunity to conduct research on the basis of a kindergarten that carries out the educational process of preschool children in accordance with the topic of education research; to receive an Act of implementation. Research work of a master's student, including an internship and the completion of a master's thesis (MRW). Research work of a master's student, including an internship and the completion of a master's thesis (MRW).	Experimental and practical work		Report
	Intensive course							
7	Master students' research work,	RWM	6		As part of the research work, a master's student can conduct a comparative	Experimental and practical		Report

<p>including internships and the implementation of a Master's thesis (MRW)</p>			<p>analysis based on the results of the study, develop a model within the framework of research in the field of education and upbringing of children, develop methodological recommendations that can be used for work in organizations.</p> <p>As part of the implementation of research work, the undergraduate understands the methodology of research, makes up the scientific apparatus; on the basis of achievements in the field of preschool education, carries out experimental research, reflects the results of research work. A master's student gets the opportunity to conduct research on the basis of a kindergarten that carries out the educational process of preschool children in accordance with the topic of education research; to receive an Act of implementation. Research work of a master's student, including an internship and the completion of a master's thesis (MRW).</p> <p>Research work of a master's student, including an internship and the completion of a master's thesis (MRW).</p>	<p>work</p>		
<p>Intensive course</p>			<p>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,</p>			

				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.			
8	Master students' research work, including internships and the implementation of a Master's thesis (MRW)	RWM	11	<p>As part of the research work, a master's student can conduct a comparative analysis based on the results of the study, develop a model within the framework of research in the field of education and upbringing of children, develop methodological recommendations that can be used for work in organizations.</p> <p>As part of the implementation of research work, the undergraduate understands the methodology of research, makes up the scientific apparatus; on the basis of achievements in the field of preschool education, carries out experimental research, reflects the results of research work. A master's student gets the opportunity to conduct research on the basis of a kindergarten that carries out the educational process of preschool children in accordance with the topic of education research; to receive an Act of implementation. Research work of a master's student, including an internship and the completion of a master's thesis (MRW).</p> <p>Research work of a master's student,</p>	Experimental and practical work	-	Report

				including an internship and the completion of a master's thesis (MRW).			
9	Final evaluation	8	FE	Registration and defense of the Master's thesis (RDMT)	Completion of the dissertation work, registration	-	Protection

