

«ALIKHAN BOKEIKHAN UNIVERSITY»  
Humanitarian Faculty

**MODULAR EDUCATIONAL PROGRAM**

6B01302 – Pedagogy and methods of education of elementary school

Semey, 2023 year

Developed by the Department of Pedagogy and Psychology

Discussed and approved at the meeting of the Department of Pedagogy and Psychology  
Protocol № 10 of February 03, 2023

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Protocol № 5 of May 25, 2023.

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## **1.Explanatory note of the modular educational program 6B01302 – Pedagogy and methods of education of elementary school**

The modular educational program (MOPP) is based on the following regulatory documents:

- The State standard of higher and Postgraduate education, approved by the Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 №. 2;
- Rules for the organization of the educational process on credit technology of education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011№. 152;
- Standard rules of activity of organizations of higher and (or) postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 № 595;
- Professional standard "Teacher", approved by the order of the Acting Minister of Education of the Republic of Kazakhstan dated December 15, 2022 No. 500.

The MOS is developed as a set of sequential training modules for the entire period of study and is aimed at mastering the competencies necessary for awarding the Bachelor of Education degree awarded by the OP "Pedagogy and Methodology of Primary Education".

The modules of the block include general education disciplines (total 56 credits, OK-51, KV-5), common to all educational programs, during the study of which the graduate must master the following knowledge: knowledge of the laws of the development of society, its cultural and historical values, the basics of computer science, language communication and understanding of the principles of a healthy lifestyle, information about the political life of the country.

The DB block (112 credits in total) includes disciplines of the university component (VC) - 37 credits and elective components (CV) – 75 credits. The modules of these disciplines form a complex of knowledge: the formation of professional qualities, covering deep scientific, theoretical and methodological knowledge, practical skills and skills in historical, theoretical and branch sciences in the field of education.

The PD block (64 credits in total) includes disciplines of the university component (VC) - 30 credits and elective components (CV) - 34 credits. Modules of these disciplines allow you to form a complex of key and special competencies acquired by a graduate, including the formation of professional qualities, including theoretical and empirical knowledge, as well as skills for practical actions, the ability to analyze and solve pedagogical problems of a theoretical and practical nature in the field of education and upbringing.

The criterion for the completion of the educational process is the student's mastering of at least 240 credits, of which 232 credits are theoretical training and 8 are final certification.

The MOS consists of 18 modules.

When discussing the MOS, the social partners noted that the content of the OP fully reflects the necessary competencies of future primary school teachers. Social partners who took part in the discussion of the MOS: A.S. Tukpieva – primary school teacher of KSU Lyceum school No. 22; L.B.Bozhkanova – primary school teacher of the municipal state institution of secondary school № 3; A.S.Dautova – primary school teacher of the municipal state institution of secondary school № 39 named after Alikhan Bokeikhan; K.M.Batyrganova – primary school teacher of the municipal state institution of secondary school № 41; A.Zh.Tokenova – associate director of the municipal state institution secondary school № 42 with a boarding school.

The purpose of the educational program is to train qualified primary school teachers who possess the key competencies of a teacher in the modern education system.

### **Expected outcomes of the educational program:**

ON 1. Demonstrate knowledge and understanding in practical pedagogical activity in the secondary education system with formed professional competencies in managing the holistic pedagogical process of the school, using methods and technologies of educational activity, inclusive education, characteristics of the main didactic concepts, stages of development of practices of upbringing and teaching children with impaired intelligence.

ON 2. Apply knowledge of the main provisions and categories in modern psychological and pedagogical science, age physiology and school hygiene, solve problems in the studied area.

ON 3. Apply knowledge and understand facts and phenomena in various areas of psychological and pedagogical science, diagnostic methods in the activity of a teacher, analyze the levels of cognitive processes, age characteristics of younger schoolchildren;

ON 4. Apply theoretical and practical knowledge to solve educational, practical and professional tasks in the field of communication, effective ways of communication and interaction with different age categories, taking into account multilingualism and communication culture;

ON 5. Apply knowledge and understanding at the professional level to classify developmental disabilities, as well as develop an algorithm of professional actions in working with children with various developmental and behavioral characteristics, and provide psychological and pedagogical assistance to children with OOP;

ON 6. Apply theoretical and practical knowledge by future specialists to solve educational and practical tasks in the use of modern teaching methods, educational technologies in teaching private methods, taking into account updated educational programs;

ON 7. To collect and interpret information for the formation of judgments about universal, ethno-cultural and family values, as well as to apply in practice the techniques, methods and techniques of socio-pedagogical counseling.

ON 8. Demonstrate knowledge and understanding in the field of development of domestic and foreign pedagogical science, generalize advanced pedagogical experience based on modern achievements in the field under study;

ON 9. Know the methods of scientific research and academic writing in the field of scientific psychological and pedagogical research;

ON 10. Apply theoretical and practical knowledge of IT in the field of education, software and technical tools for working with information in the educational process;

ON 11. Demonstrate knowledge of the idea of a modern law state to instill entrepreneurial skills, leadership qualities, receptivity to innovation based on scientific research with integrity, as well as ensuring safety standards.

ON 12. Generalize theoretical knowledge of psychological and pedagogical science and be able to classify effective methods and techniques of teaching and upbringing, allowing to improve the pedagogical skills of the teacher, to implement various competencies in professional activities.

ON 13. Use the training skills necessary for professional development and psychological readiness for independent continuation of training in future pedagogical activity; In order to create special conditions for people with special educational needs to receive education, the graduate's competence model is supplemented with professional competencies that ensure the adaptive nature of the main educational program. For this purpose, courses for the formation of the ability of persons with special educational needs to successfully socialize in society and actively adapt to the labor market, taking into account the characteristics of the disease, are introduced into the catalog of courses of the additional educational program "Minor".

## **2.THE GRADUATES COMPETENCE MODEL**

### **Competence of general education**

- is aimed at the formation of ideological, civil and moral positions of the future specialist, competitive on the basis of knowledge of information and communication technologies, building communication programs in Kazakh, Russian and foreign languages, orientation to a healthy lifestyle, self-improvement and professional success;
- they form a system of general competencies that ensure the socio-cultural development of the personality of the future specialist on the basis of the formation of his ideological, civil and moral positions;
- develop the ability to interpersonal social and professional communication in Kazakh, Russian and foreign languages;
- contribute to the development of information literacy through the mastery and use of modern information and communication technologies in all areas of their lives and activities;
- form the skills of self-development and education throughout life;
- they form a personality capable of mobility in the modern world, critical thinking and physical self-improvement;
- to evaluate the surrounding reality on the basis of worldview positions formed by knowledge of the fundamentals of philosophy, which provide scientific -understanding and study of the natural and social world by methods of scientific and philosophical cognition, to reveal the meaning of the content and specific features of the mythological, religious and scientific worldview;
- to show a civic position based on a deep understanding and scientific analysis of the main stages, patterns, peculiarities of the historical development of Kazakhstan, -to use methods and techniques of historical description to analyze the causes and consequences of events in the history of Kazakhstan;
- to assess situations in various spheres of interpersonal, social and professional communication, taking into account basic knowledge of sociology, political science, cultural studies, psychology, arguing their own assessment of everything happening in the social and industrial spheres, as well as synthesize knowledge of these sciences as a modern product of integrative processes;
- to use scientific methods, methods of research of a specific science, as well as the entire socio-political cluster, to select a methodology, analyze and summarize the results of the study;
- to develop their own moral and civic position on the basis of social, business, cultural, legal and ethical norms of the Kazakh society;
- to put into practice knowledge in the field of social sciences and humanities, which has worldwide recognition, synthesize new knowledge and present it in the form of humanitarian socially significant products;
- to engage in communication in oral and written forms in Kazakh, Russian and foreign languages, using language and speech means based on grammatical knowledge to solve problems of interpersonal, intercultural and industrial (professional) communication, as well as to analyze information, actions and deeds of communication participants in accordance with the communication situation;
- use various types of information and communication technologies in personal activities: Internet resources, cloud and mobile services for the search, storage, processing, protection and dissemination of information;
- to build a personal educational trajectory throughout life for self-development and career growth, to focus on a healthy lifestyle to ensure full-fledged social and professional activities through methods and means of physical culture;
- to know and understand the basic laws of the history of Kazakhstan, the basics of philosophical, socio-political, economic and legal knowledge, communication in oral and written forms in Kazakh, Russian and foreign languages;
- apply the acquired knowledge for effective socialization and adaptation in changing socio-cultural conditions, possess the skills of quantitative and qualitative analysis of social phenomena, processes and problems.

## General professional competence

Main professional activity: Teaching

### Knowledge:

- classical provisions of school didactics;
- new achievements in the field of psychological and pedagogical sciences;
- traditional technologies and didactic teaching tools, including ICT;
  - features of the physiology and psychology of primary school children;
  - hygienic foundations of the organization of the educational process and the daily routine for children of six years of age and abnormal children;
- pedagogical technologies of differentiated and integrated learning, developmental learning, features and specifics competence-based approach in teaching;
- methods of developing students' research skills, developing their language competencies;
- principles and methods of formation of communicative, informational, legal, environmental, professional competencies students;
  - methods of pedagogical goal-setting for designing new models and strategies of the educational process;
  - basic theories and concepts of management of the educational process, educational systems of secondary schools;
- methods of pedagogical goal-setting for designing new models and strategies of the educational process;
- principles and mechanisms of integration and succession of school, post-secondary and higher education;
- theoretical concepts and provisions in the field of modern linguistics and linguistics (for pedagogical workers involved in multilingual education programs);
- linguistic mechanisms of intercultural communication (for pedagogical workers involved in multilingual education programs);
- paradigms of co-study of languages, co-study of languages and cultures (for pedagogical workers involved in multilingual education programs);
- languages functioning in the educational environment; for academic and professional purposes (for pedagogical workers involved in multilingual education programs).
  - To know the history of the development and formation of pedagogical science, the current state of primary education in our country and abroad;
  - The main aspects of the social formation of a personality, the peculiarities of its socialization in society, types and forms of deviant behavior.

### Skills and abilities:

- design training sessions taking into account the linguistic needs and requests of students;
- use new learning technologies, including ICT;
- conduct standard training sessions;
- plan training sessions taking into account the principles of integration and continuity of education at all levels of secondary education (primary, basic secondary, general secondary);
- acquire new knowledge necessary for daily professional activities and continuing education in the master's degree;

- be able to use information technology in the field of professional activity.
- organization and provision of optimal socio-environmental and educational conditions for children with disabilities in general education organizations;
- design training sessions for primary level students taking into account psychophysiological characteristics.

**- Main professional activity: Educating**

**Knowledge:**

- primary school pedagogy;
- innovative technologies for the education of school and adolescent children;
- educational potential of academic subjects (subject areas);
- principles of integration of educational content with national values of Independent Kazakhstan;
- ways of forming students' positive self-esteem, motivation to learn languages, civic identity and linguistic tolerance.
- the content, forms and methods, the essence and features of family education, the interaction of the subjects of the educational process, the provision of psychological, pedagogical and advisory assistance to parents;

**Skills and abilities:**

- observe pedagogical tact, rules of pedagogical ethics;
- show respect for the personality of students;
- adhere to a democratic style in relations with students;
- to show commitment to the highest social values, to the ideas of humanistic pedagogy;
- to show familiarity with the system of universal and national values in their unity;
- to build the educational process taking into account the national priorities of Kazakhstan;
- demonstrate the ability to resist any kind of discrimination, extremism;
- develop cultural awareness, language competence;
- to promote the development of a favorable educational environment for the realization of cultural and linguistic needs of students;
- to form a tolerant attitude to a different culture, to a different way of life.
- to study and generalize advanced pedagogical experience in the field of education, modern technologies and techniques in cooperation with students, their parents and teachers;
- organization of various types of activities with parents on the problems of raising children.

**Special competence**

**Main professional activity: Methodical**

**Knowledge:**

- methods of self-determination for the development of additional knowledge;
- ways to implement individual professional development plans;
- principles and methods of constructing situational pedagogical tasks;
- principles and methods of development of educational and program documentation.

- designing a modern lesson in primary school, taking into account the updated education system.

**Skills and abilities:**

- plan your professional development;
- select information from internet sources;
- to determine methods and techniques, to form general academic skills and skills of students;
- develop training materials in accordance with the set objectives of the classes and/or in accordance with the instructions and requirements;
- create a favorable learning environment for students.
- design educational classes for children with special educational needs.

**Main professional activity: Research**

**Knowledge:**

- principles and methods of research of the educational environment, research of educational practice;
- research methods in pedagogy;
- methods of psychological and pedagogical tracking of students' activities.

**Skills and abilities:**

- use the results of diagnostics of individual characteristics of students;
- identify learning needs and difficulties;
- use reflection methods in the context of practice research;
- plan and conduct research on the educational environment;
- to carry out comprehensive monitoring based on psychological and pedagogical diagnostics, analysis and synthesis, to be capable of pedagogical reflection.
- work with scientific literature.

**Main professional activity: Social and communicative**

**Knowledge:**

- fundamentals of communication psychology and professional communication;
- forms and methods of cooperation in the professional community, including the network community;
- forms and methods of interaction with various social groups (external stakeholders of education);
- fundamentals of professional leadership.

**Skills and abilities:**

- involve students in the system of additional education;
- initiate innovative ideas that unite education stakeholders (various creative associations, associations, etc.).

**Table 1. The sequence of mastering disciplines in the process of forming special competencies**

№	Competence	The list of general education (KV), basic (KV), profiling (KV) disciplines and the sequence of their study		Expected results
		list of disciplines	the sequence of their study (sem.)	
<b>Basic discipline (Component of choice)</b>				
1	General professional	1.Fundamentals of Psychological Competence	3 semester	<p><b>To know:</b> the main problems and key socio-psychological patterns of pedagogical activity: the basics of the use of psychotechnologies aimed at revealing, implementing and developing the personality of a specialist, optimizing his relationships with students, colleagues, parents;</p> <p><b>Be able to:</b> apply socio-psychological knowledge in building their own professional behavior in pedagogical situations: improve emotional self-regulation skills; flexibly use their internal resources as ways to achieve success in professional activities; carry out emotional and cognitive reflection of various pedagogical situations.</p> <p><b>Own:</b> methods, techniques and techniques of organizing interaction of subjects of activity aimed at the development of their individuality; application of professional skills in psychological analysis and solving specific pedagogical situations; self-regulating to master the methods of self-regulation</p>
		2.Fundamentals of professional self-determination		<p><b>To know:</b> leading foreign and domestic theories of career guidance, their content and main provisions; the main stages and information from the history of the emergence and development of the theoretical and practical foundations of career guidance; structure, goals, objectives and content of modern professional orientation</p> <p><b>To be able to:</b> substantiate and reveal the content</p>

				<p>of the theoretical provisions of career guidance, explain their significance for the modern educational situation and the development of the student's personality; to compose and decipher the formula of the profession according to its basic psychological characteristics and apply it as one of the leading methods of professionography;</p> <p><b>Own:</b> to apply various methods and techniques of personality study for career guidance; implementation of the development and preparation of a personal professional plan</p>
2	Special competence	1. Psychology of elementary school students	3 semester	<p><b>To know:</b> the main categories and concepts of the discipline "Psychology of a junior high school student"; the main patterns of development of children of primary school age; features of the development of cognitive processes, educational motivation, causes of underachievement of younger schoolchildren; typologies of difficulties in teaching schoolchildren; factors of formation of self-esteem, as well as the impact of learning on the psyche of a student.</p> <p><b>Be able to:</b> operate with the categorical apparatus of the discipline "Psychology of primary school children"; compare various theories of mental development that characterize the specifics of mental development in primary school age by key positions and concepts.</p> <p><b>Own:</b> to master the categorical apparatus of the discipline; the ability to work independently with scientific information; work with underachieving schoolchildren; identify the level of development of cognitive processes in younger schoolchildren.</p>
		2. The child's readiness to go to school		<p><b>To know:</b> the concept of psychological and pedagogical readiness for school, types of readiness for school, diagnostic methods for determining the psychological and pedagogical readiness of a child to study at school.</p>

				<p><b>Be able to:</b> diagnose readiness for school, select methods for determining the readiness of children to study at school in accordance with their characteristics, motives, attitudes.</p> <p><b>Own:</b> to master the categorical apparatus of the discipline; to diagnose readiness for school; to identify the level of development of cognitive processes in children; to identify the main types of readiness for school.</p>
3	Special competence	1. Psychological pedagogical diagnostics of elementary schools students	3 semester	<p><b>To know:</b> classifications of psychodiagnostic tools, methods of organizing various types of diagnostics, scientific and theoretical foundations of psychological and pedagogical diagnostics, requirements for assessing the qualities of psychodiagnostic techniques.</p> <p><b>Be able to:</b> develop optimal ways of constructing and independently conducting psychological and pedagogical diagnostics with younger schoolchildren, apply diagnostic tools in the work of primary school age.</p> <p><b>Own:</b> application of ethical principles when conducting psychodiagnostics with younger schoolchildren.</p>
	General professional competence	2. Methods of scientific research in psychology		<p><b>To know:</b> the theoretical foundations of the organization of research activities; the importance of scientific knowledge, methodology and research methods of modern scientific and psychological research;</p> <p><b>Be able to:</b> analyze trends in modern science, identify promising areas of scientific research; use experimental and theoretical research methods in professional activities; analyze, process and interpret psychological research.</p> <p><b>Own:</b> possess the skills of modern methods of scientific research in the subject area; skills of improving and developing their scientific potential.</p>

4	General professional competence	1. Didactics	4 semester	<p><b>To know:</b> definitions of the main didactic categories: didactics, didactic system, teaching, teaching, learning, knowledge, skills, purpose (educational, educational), content (teaching, education), learning patterns, didactic principles, teaching rules, teaching methods, forms of organization of learning, learning tools, teaching methods, teaching technology; characteristics of the main didactic concepts; the structure of the learning process as a system; learning patterns, a system of didactic principles, rules for the implementation of didactic principles; general characteristics of normative documents that ensure the educational process in primary school; classification of teaching methods, classification of forms of training organization; types of lessons in primary school, their structure in various teaching systems; the main characteristics of teaching technologies used in modern primary school.</p> <p><b>Be able to:</b> to establish correspondence between the structural components of the learning process and their characteristics; to characterize the principles of learning, to name the patterns of learning that are the basis of each principle, to formulate rules for the implementation of a specific didactic principle; to work with regulatory and legal documents that ensure the educational process in primary school, to use them to develop work programs of subjects in primary school, calendar and thematic plans, lesson summaries; to determine effective methods and means of teaching in accordance with the system-forming components of the learning process; to identify the essential features of various forms of learning organization; to establish correspondence between the types and structure of the lesson; to identify the essential features of pedagogical technology; to characterize the main components of</p>
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				<p>traditional and developing technology of teaching in primary school.  <b>Own:</b> specific technologies for assessing students' academic achievements; schemes of planning and analysis of lessons; methods of individual approach to children of primary school age.</p>
		<p>2. Special pedagogy</p>		<p><b>To know:</b> theoretical and methodological foundations of special pedagogy, content, principles, tasks, functions of special pedagogy; stages of the special pedagogical process, the influence of family and upbringing on the process of socialization of the individual; as well as the influence of educational institutions on the socialization of the younger generation.  <b>Be able to:</b> comprehend and analytically evaluate the theoretical and applied problems of special pedagogical practice; independently analyze the materials of primary sources, develop and apply methods of special pedagogical study of various phenomena.  <b>Own:</b> practical skills of using theoretical knowledge; skills of applying the acquired knowledge during the period of professional practice, as well as in solving professional tasks;</p>

5	General professional competence	1.Defectology	4 semester	<p><b>To know:</b> modern problems and tasks of defectology, features of education and upbringing of abnormal children in the Republic of Kazakhstan, features of formation and development of prenatal and postnatal causes of defects, principles of correctional work</p> <p><b>Be able to:</b> distinguish the features of mental development in children with speech, hearing and vision disorders, their causes and consequences.</p> <p><b>Own:</b> communication with children with speech, auditory, visual development defects and their parents.</p>
		2.Basics of speech therapy		<p><b>To know:</b> Causes of speech deflection, violation of the articulatory apparatus in children.</p> <p><b>To be able to:</b> Distinguish between types of speech deviations</p> <p><b>Own:</b> The application of techniques for working with speech deviations.</p>
6	Special competence	1.The content of the work of a primary school teacher with children with special educational needs	5 semester	<p><b>To know:</b> the causes of developmental abnormalities in children; to distinguish the forms of abnormal development of children;</p> <p><b>Be able to:</b> distinguish between types of deviations, compare the psychological and pedagogical foundations of teaching and upbringing, normally developing children with special educational needs; establish relationships in the personal formation of children of different groups; summarize recommendations for teachers working with special educational needs children.</p>
	General professional competence	2.Correctional pedagogy		<p><b>To know:</b> the purpose of the course and its basic concepts; the essence of pedagogical systems of special education; stages of development of special education in foreign countries and in Kazakhstan; modern approaches to the education and upbringing of children with disabilities and children with deviant behavior;</p>

				<p><b>Be able to:</b> use methods of psychological and pedagogical diagnostics; pose pedagogical problems and make decisions on specific issues of education and upbringing of children with special educational needs, as well as children with deviant behavior.</p>
7	General professional competence	1.Information technology in education	5 semester	<p><b>To know:</b> modern information technologies used in education; techniques and methods of using IT tools in various types and forms of educational activities.</p> <p><b>Be able to:</b> to use modern information technologies in the process of educational activity; to evaluate the software and the prospects for its use, taking into account the solved professional tasks.</p> <p><b>Own:</b> possesses techniques of theoretical thinking as a way of mastering reality and practical activities in the field of information technology in education; skills of mastering ways of thinking that meet the requirements of culture, in the field of information technology in education.</p>
		2.Digital educational technologies		<p><b>To know:</b> The essence of the concepts of communication and information technologies, digital educational environment, e-learning, types of audiovisual learning tools, features of pedagogical communication in distance learning, modern opportunities for individualization of learning using information technology</p> <p><b>Be able to:</b> choose information and communication tools for solving educational problems, for designing electronic learning tools, methodically use electronic visual aids in the educational process</p> <p><b>Own:</b> the skill of forming a set of electronic learning tools in accordance with the content of the discipline, the skill of developing electronic learning tools: diagrams, slideshows, infographics, animated images, the skill of selecting text and visual materials for the development of electronic visual learning tools</p>

8	Special competence	1.Structural system of the updated content of education in primary school	5 semester	<p><b>To know:</b> knows and understands the structure, content and objectives of the program of the updated content of education in primary school subjects</p> <p><b>Be able to:</b> be able to use pedagogical methods, educational materials, programs of updated educational content in primary school subjects, in order to achieve the learning goal of the program of updated educational content in primary school subjects, understand and be able to use criteria assessment systems</p> <p><b>Own:</b> apply the acquired knowledge in practice.</p>
		2.Personal professional activity of a teacher based on the updated content of education		<p><b>To know:</b> the theoretical foundations of personal and professional activity of a teacher based on the updated content of education, the development of critical thinking, research work, the use of ICT, the creation of communicative communication.</p> <p><b>Be able to:</b> work individually in pairs of a group, the ability to creatively use functional literacy; apply the knowledge gained from the updated educational program in practice</p> <p><b>Own:</b> apply the acquired knowledge in practice.</p>
9	General professional competence	1.Family pedagogy	6 semester	<p><b>To know:</b> the content, forms and methods, the essence and features of family education; conditions of family education, their potential.</p> <p><b>Be able to:</b> use modern pedagogical technologies; interact with parents in solving parenting issues; assist parents in forming a child's personality, give scientifically based recommendations; analyze and evaluate the level of education, upbringing and development of children;</p> <p><b>Own:</b> organizing various types of activities with parents on the problems of raising children.</p>
		2.Pedagogical consulting		<p><b>To know:</b> the content of pedagogical counseling; features of the construction of pedagogical counseling; to highlight the specifics of socio-pedagogical counseling and independently</p>

				<p>formulate its tasks in relation to specific situations;  <b>Be able to:</b>conduct pedagogical counseling for parents of younger schoolchildren, highlight the specifics of pedagogical counseling and independently formulate tasks in relation to specific situations.  <b>Own:</b> apply techniques, methods and techniques of socio-pedagogical counseling of children and their parents.</p>
10	General professional competence	1.Social pedagogy	6 semester	<p><b>To know:</b> theoretical and methodological foundations of social pedagogy, content, principles, tasks, functions of social pedagogy; stages of the socio-pedagogical process, features of the social formation of personality, the influence of family and upbringing on the process of socialization of personality; as well as the influence of educational institutions on the socialization of the younger generation.  <b>Be able to:</b> comprehend and analytically evaluate theoretical and applied problems of socio-pedagogical practice; independently analyze primary source materials, develop and apply methods of socio-pedagogical study of various phenomena.  <b>Own:</b> practical skills of using theoretical knowledge; skills of applying the acquired knowledge during the period of professional practice, as well as in solving professional tasks;</p>
		2.Self-determination and professional orientation of students		<p><b>To know:</b> theoretical and methodological foundations of professional orientation of students, the concept of "psychological space", the place of self-determination in choosing a future profession; historical aspects of the formation of the system of professional orientation; methods of activating professional self-determination of students.  <b>Be able to:</b> make professionograms of specialties, build technologies for career guidance work with</p>

				students of different ages. <b>Own:</b> skills of mastering methods and techniques of career guidance work with students, teachers and parents.
11	General professional competence	1.Ethnopedagogy	6 semester	<b>To know:</b> the content of means, factors, methods and functions of folk pedagogy and their application in the educational process. <b>Be able to:</b> Critically and creatively comprehend various concepts of folk pedagogy, analyze specific ethnopedagogic material; independently interpret folk pedagogical phenomena; analyze, compare and evaluate progressive traditions of folk education of various ethnic groups; practically use ethnopedagogic knowledge in solving pedagogical tasks. <b>Own:</b> demonstration of knowledge and understanding of ethnopedagogic concepts and the role of folk pedagogy in the educational process
		2.Social psychological training		<b>To know:</b> the main types of training groups, the design and preparation of training groups. communication criteria, as well as the structure and potential of training as methods of group work. <b>Be able to:</b> effectively interact in a group when solving various tasks of joint activity; organize and implement various forms and types of socio-psychological trainings in the practice of group work; <b>Own:</b> possess the skills of organizing a training group; the main mechanisms and methods of psychological influence on the personality.
12	Special competence	1.Work with underachieving children	7 semester	<b>To know:</b> features of the development of underachieving children; methods of influence and causes of their lag; opportunities for organizing work with underachieving children. <b>Be able to:</b> to form general ideas about the peculiarities of the development of underachieving children, to stimulate interest in working with

				<p>underachieving students.  <b>Own:</b> apply theoretical and practical knowledge in working with underachieving children.</p>
	General professional competence	2.Deviantology		<p><b>To know:</b>the essence of the formation of deviant personality behavior; the main types of deviant behavior, personality disorders, causes of deviant, suicidal behavior, features of social control over deviant behavior.  <b>Be able to:</b>To take into account individual characteristics of mental development; To organize interdisciplinary and interdepartmental activities of specialists in solving problems of deviant and suicidal behavior of the individual.  <b>Own:</b> apply methods and technologies for the diagnosis and correction of deviant behavior.</p>
13	General professional competence	1.Comparative pedagogy	7 semester	<p><b>To know:</b> patterns and trends in the development of pedagogical theory and practice in various countries and regions of the world, as well as the ratio of their general trends, national and regional specifics; tasks, content, branches, stages of formation of pedagogy in different countries.  <b>Be able to:</b> identify and compare pedagogical systems in different countries.  <b>Own:</b>the main trends in the development of domestic and foreign schools and pedagogy in comparative terms.</p>
		2.Pedagogy of elementary education in foreign countries		<p><b>Know:</b> trends in primary education abroad.trends in the development of modern primary education; reformation of primary education in Kazakhstan and abroad.  <b>Be able to:</b> operate with knowledge in practice.  <b>Own:</b> methods of comparative analysis of various educational systems, justification, explanation of the specifics of educational models and boundaries of experience transfer;</p>
14	General professional competence	1. Modern pedagogical technologies in elementary	7 semester	<p><b>To know:</b> types of pedagogical technologies of primary school, apply them in practice.</p>

		school		<p><b>Be able to:</b> apply various learning technologies in teaching activities.</p> <p><b>Own:</b> the use of technology in the classroom, possess the skills of applying modern educational technologies in the educational process of primary school</p>
	General professional competence	2. Professional competence of future specialists		<p><b>To know:</b> the concept of "professional competence" and the competence of a future specialist.</p> <p><b>Be able to:</b> implement various competencies in professional activities</p> <p><b>Own:</b> formation of skills and abilities inherent in a competent specialist.</p>
15	General professional competence	1.Methods of science pedagogical investigation	7 semester	<p><b>To know:</b> the meaning of scientific knowledge, the concept of methodology, research methods; features of the methodology of pedagogy, modern scientific and pedagogical research; methodological principles, methods and methods of organization of scientific and pedagogical research;</p> <p><b>Be able to:</b> ability to analyze, process and interpret scientific and pedagogical research.</p> <p><b>Own:</b> work with scientific literature, have the skills and abilities to manage information.</p>
		2.Theory and technology of pedagogical design		<p><b>To know:</b> features of the organization of pedagogical research; the concept of pedagogical design; types of projects; design technologies; knowledge in the field of epistemology, methodology, pedagogy and psychology, the structure of pedagogical design</p> <p><b>Be able to:</b> analyze, synthesize, make projects.</p> <p><b>Own:</b> work with scientific literature, have the skills and abilities to manage information.</p>
<b>Profiling subjects (Component of choice)</b>				
1	Special competence	1.Theory and technology of studying writing skills	4 semester	<p><b>To know:</b> the rules of calligraphic writing, the system of methodological techniques for teaching penmanship, taking into account the updated system of education, as well as conducting dictation,</p>

				<p>expositions and essays in elementary school.  <b>Be able to:</b> classify effective methods and techniques of teaching penmanship; write calligraphically correctly; distinguish typical mistakes in penmanship of younger schoolchildren.  <b>Own:</b> application of calligraphy writing techniques in practical activities when teaching penmanship.</p>
		2.History of learning calligraphy		<p><b>To know:</b>the history of the development of calligraphic writing; types of writing; methods of the development of calligraphy in different historical periods.  <b>Be able to:</b> Apply theoretical and practical knowledge to solve educational and practical tasks within the discipline.  <b>Own:</b> analyze and interpret the data of modern pedagogical achievements in the field of teaching calligraphy.</p>
2	Special competence	1.Criteria-based assessment technology and methods of teaching literary reading	5 semester	<p><b>To know:</b> the theoretical basis and technology of criterion assessment in the pedagogical process of primary school, the methodology of working with literature in primary school  <b>Be able to:</b> navigate when choosing advanced examples of oral literature, domestic and world children's literature, educates moral qualities through this subject.  <b>Own::</b>organization of reading lessons in elementary school.</p>
		2.Children's literature		<p><b>Know:</b> works of children's foreign, Russian and Kazakh literature  <b>Be able to:</b>it is correct to select works of children's literature in practice, taking into account the psychophysiological features of their development.  <b>Own:</b> organization of reading lessons in elementary school.</p>
3	Special competence	1.Technology of criterion assessment and methods of teaching natural science	6 semester	<p><b>To know:</b> the conceptual apparatus in the field of natural science; the structure, content and features of the curriculum "Natural Science" in the context</p>

				<p>of the transition to the updated content of education; methods of teaching natural science; methodology of planning the educational process; theoretical basis and technology of criterion assessment in the pedagogical process of primary school; features of the assessment system in personality-oriented learning.</p> <p><b>Be able to:</b> apply knowledge in the organization of lessons; make short-term plans for the subject "Natural Science"; make visual and handout materials for lessons.</p> <p><b>Skills:</b> working with databases, electronic libraries, school textbooks and other literature, making presentations, short-term plans, organizing lessons in "Natural Science".</p>
		2. Criteria-based assessment technology and methods of teaching knowledge of the world		<p><b>To know:</b> the conceptual apparatus in the field of the subject "Cognition of the world"; the structure, content and features of the curriculum "Cognition of the world" in the context of the transition to the updated content of education; methods of teaching the subject "Cognition of the world"; methodology of planning the educational process; theoretical basis and technology of criterion assessment in the pedagogical process of primary school; features of the assessment system when personality-oriented learning.</p> <p><b>Be able to:</b> apply knowledge in the organization of lessons; make short-term plans for the subject "Knowledge of the world"; make visual and handout materials for lessons.</p> <p><b>Own:</b> working with databases, electronic libraries, school textbooks and other literature, making presentations, short-term plans, organizing lessons on "Cognition of the world".</p>
4	Special competence	1. Psychological and pedagogical bases of teaching and upbringing of primary	6 semester	<p><b>To know:</b> the psychological and pedagogical foundations of the readiness of younger schoolchildren for school, the development of</p>

		school children		<p>cognitive processes and activities of personality formation, social qualities of personality, the development of motivation, achievements of success; features of self-esteem and interpersonal relationships.</p> <p><b>Be able to:</b> operate with knowledge in practical activities; competently choose methods, forms, means of teaching and educating younger schoolchildren.</p> <p><b>Own:</b> work with children both individually and with a group.</p>
	General professional competence	2.Pedagogy of primary school		<p><b>To know:</b> the general basics of pedagogy and issues directly related to primary school pedagogy: the age characteristics of children, the principles and rules of teaching younger schoolchildren, the types and forms of education and upbringing, the tasks facing the primary school teacher.</p> <p><b>Be able to:</b> rely on the didactic principles and rules of teaching younger schoolchildren; use methods, techniques of teaching and upbringing; use modern pedagogical technologies in teaching and educating students;</p> <p><b>Own:</b> skills of generalization, analysis of theoretical and practical material; skills of using various methods of education in working with younger schoolchildren.</p>
5	General professional competence	1.History of pedagogy	7 semester	<p><b>To know:</b> the theoretical foundations of the development of pedagogical science from ancient times to the present day, the stages of the development of pedagogical science, the pedagogical activity of leading scientists and teachers.</p> <p><b>Be able to:</b> extract the necessary information from sources, highlight the main and relevant for the present in the pedagogical theories of outstanding teachers, critically evaluate the reliability of the information received.</p>

				<p><b>Own:</b> to analyze historical retrospect using materials from past and modern sources, to develop skills of working with historical and pedagogical literature, to independently evaluate historical and pedagogical ideas.</p>
		2.The development of pedagogical science in Kazakhstan		<p><b>To know:</b> the history of the development of pedagogical science in Kazakhstan; state documents on education.</p> <p><b>Be able to:</b> assess various events and phenomena in the history of the development of pedagogical science; competently use theoretical knowledge in the practice of modern educational institutions of practical activity.</p> <p><b>Own:</b> selection, analysis, interpretation of historical data in pedagogical literature.</p>
6	Special competence	1.Vocal and choral education		<p><b>To know:</b>characteristic features of choral singing, vocal-choral genre and stylistic directions of choral performance.</p> <p><b>Be able to:</b> identify frets, intervals and chords by ear. to promote an adequate assessment of their creative abilities in teaching activities.</p> <p><b>Own:</b> singing from a sheet without instrumental accompaniment, the formation of musical and aesthetic taste, through the use of folk music, the study of singing traditions</p>
		2.Theory and methodology of musical art	7 semester	<p><b>To know:</b> achievements of modern musical and pedagogical science, various types of musical activity; goals, objectives and principles of musical and performing arts; domestic and foreign systems of musical education.</p> <p><b>Be able to:</b> apply knowledge in practice, work with literature in the field of musical art.</p> <p><b>Own:</b> apply musical and theoretical skills of musical compositions; have a broad outlook, including knowledge of folk musical compositions of leading domestic and foreign compositions.</p>
7	Special competence	1.Methods of teaching	8 semester	<p><b>To know:</b>features of the organization of lessons of</p>

		«Artistic work»		"Artistic labor" in elementary school; theoretical basis of labor training in elementary school; classification of forms and methods of labor training; psychological and practical features <b>Be able to:</b> use the basics of labor training in elementary school. <b>Own:</b> the search for new forms and methods in the organization of lessons on labor training.
		2.Theory and technology of production of visual aids		<b>To know:</b> technology of application and plasticineography. <b>Be able to:</b> to form the ability to create voluminous wicker products and organize lessons using techniques of working with paper and plasticine. <b>Own:</b> master the skills of application and plasticineography in working with primary school children.
8	Special competence	1.Theory and technology of production of visual aids	8 semester	<b>To know:</b> the theory and technology of making visual aids, the history of the emergence and development of visual aids; <b>Be able to:</b> apply the acquired knowledge in practice. <b>Own:</b> making visual aids and conducting lessons using visual aids.
		2.Theory and technology of art education		<b>To know:</b> features of the development of visual creativity in children of primary school age <b>Be able to:</b> apply the acquired knowledge in practice. <b>Own:</b> possess theoretical and practical skills of theory and technology of teaching fine arts to children of primary school age.

**Table 2. Sequence of mastering disciplines of social and professional interaction**

Course	Providing disciplines	Competence	Expected result
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1	2	3	
<b>General obligatory modules (required component)</b>			
1	History of Kazakhstan	Competence of general education	<p><b>know:</b></p> <ul style="list-style-type: none"> <li>- demonstrate knowledge and understanding of the main stages of history development of Kazakhstan;</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- to correlate the phenomena and events of the historical past with the general paradigm of the world-historical development of human society through critical analysis;</li> <li>- be able to objectively and multi-sided comprehend the immanent features of the modern Kazakh model of development;</li> </ul> <p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- possess the skills of analytical and axiological analysis in the study of historical processes and phenomena of modern Kazakhstan;</li> <li>- systematize and critically evaluate historical phenomena and the processes of the history of Kazakhstan</li> </ul>
1	Foreign language	Competence of general education	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>- lexical minimum and language material of topics and subtopics in a given discipline (social and social and cultural spheres of communication).</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- understand by ear not only individual phrases and frequently used words, but also more voluminous statements on topics directly related to it,</li> <li>- understand the main content of short simple content on the radio, at the airport, at the station.</li> <li>- understand when reading the content of short, simple texts, advertisements, brochures, menus, bus and train schedules, short simple personal letters, e-mails.</li> <li>- communicate in simple typical situations that require the exchange of information within the framework of familiar topics and activities, be able to talk about family, living conditions, training sessions.</li> <li>- write a simple letter of a personal nature, a note, an autobiography.</li> </ul>

			<p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- understanding of foreign language dialogic and monologue speech within the framework of general cultural and professional topics;</li> <li>- a foreign language at a level that allows to carry out the main types of speech activity;</li> <li>- different ways of oral and written communication;</li> <li>- skills of adequate response in situations of everyday, academic and professional communication;</li> <li>- skills of listening, reading, writing.</li> </ul>
1	Kazakh (russian) language	Competence of general education	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>- theoretical foundations of the course (language, its functions, forms of speech, text, its features, styles of speech, functional and semantic types of speech);</li> <li>- features of dialogic and monologue speech;</li> <li>- types of scientific information and the specifics of its implementation in a scientific text;</li> <li>- elements of structural-semantic analysis and semantic analysis of a scientific text, components of a speech situation, speaker's intentions.</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- to carry out the correct choice and use of language and speech means for solving certain problems of communication and cognition based on knowledge of a sufficient amount of vocabulary, a system of grammatical knowledge, pragmatic means of expressing intentions;</li> <li>- compose everyday, socio-cultural, official and business texts in accordance with generally accepted norms, functional orientation, using lexico-grammatical and pragmatic material of a certain certification level that is adequate to the goal;</li> <li>- interpret the information of the text, explain in the scope of the certification requirements the style and genre specifics of the texts of the socio-cultural, socio-political, official business and professional spheres of communication;</li> <li>- participate in communication in various situations in different spheres of communication in order to realize their own intentions and needs (everyday, educational, social, cultural),</li> </ul>

			<p>declaring them ethically correct, meaningfully complete, lexicogrammatically and pragmatically adequate to the situation;</p> <ul style="list-style-type: none"> <li>- discuss ethical, cultural, socially significant issues in discussions, express their point of view, defend it with arguments, critically evaluate the opinion of interlocutors;</li> <li>- build speech behavior programs in situations of personal, social and professional communication in accordance with the norms of the language, culture, specifics of the sphere of communication, certification requirements;</li> <li>- request and communicate information in accordance with the situation of communication, evaluate the actions and deeds of participants, use information as a tool to influence the interlocutor in situations of knowledge and communication in accordance with certification requirements.</li> </ul> <p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- the skills of producing oral and written speech in accordance with the communicative goal and the professional sphere of communication;</li> <li>- language skills in various situations of everyday, socio-cultural, professional communication;</li> <li>- skills of searching, processing information in Russian;</li> <li>- types of speech activity.</li> </ul>
1	Information and communication technologies (in English)	Competence of general education	<p><b>Know:</b> What economic and political factors contributed to the development of information and communication technologies; features of various operating systems, architecture; Be able to: identify the main trends in the field of information and communication technologies; se information resources to search and store information; work with spreadsheets, perform data consolidation, build graphs; apply methods and means of information <b>Be able to:</b> design and create simple websites; to process vector and bitmap images; to create multimedia presentations; to use various platforms for communication; calculate and evaluate performance indicators of supercomputers; use various forms of e-learning to expand professional knowledge; use various cloud services.</p> <p><b>Own:</b>database structure development; designing and creating presentations; receiving data from the server; creating video</p>

			files; working with Smart applications; working with services on the e-government website
2	Philosophy	Competence of general education	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>-basic philosophical concepts and categories, patterns of development of nature, society and thinking;</li> <li>- the essence of philosophical categories, terminology of philosophy and the structure of philosophical knowledge, functions of philosophy methods of philosophical research;</li> <li>- the place and role of philosophy in public life;</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- to use the basics of philosophical knowledge to form a worldview position;</li> <li>- analyze ideological, socially and personally significant philosophical problems;</li> <li>- to orient oneself in the system of philosophical knowledge as a holistic view of the foundations of the universe and the prospects for the development of planetary society;</li> <li>- to understand the characteristic features of the modern stage of philosophy development</li> </ul> <p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- the skills of philosophical analysis of various types of worldview;</li> <li>- the skills of philosophical thinking to develop a systematic, holistic view of the problems of society;</li> </ul>
1	Sociology	Competence of general education	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>- patterns and stages of the historical process, the main historical facts, dates, events and names of world and domestic historical figures;</li> <li>- the main events and processes of national history in the context of world history</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- critically perceive, analyze and evaluate historical information, factors and mechanisms of historical changes;</li> <li>- analyze civil and ideological positions in society, form and improve their views and beliefs, transfer philosophical worldview to the field of material and practical activities;</li> <li>- use various philosophical methods to analyze trends in the</li> </ul>

			<p>development of modern society, philosophical and legal analysis</p> <p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- skills of a holistic approach to the analysis of society's problems;</li> <li>- methods of philosophical, historical and cultural studies, techniques and methods of analyzing the problems of society;</li> <li>- causal relationships in the development of Kazakhstan society;</li> <li>- the place of a person in the historical process and the political organization of society;</li> <li>- skills of respectful and careful attitude to the historical heritage</li> </ul>
2	Political science	Competence of general education	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>- the main stages of the development of political knowledge in the history of civilization;</li> <li>- schools and directions of modern political science;</li> <li>- political life of society;</li> <li>- the political system and its institutions;</li> <li>- the essence of political processes in the country and the world.</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- analyze the features of political systems and the functioning of political institutions;</li> <li>- critically evaluate the theoretical approaches of political science;</li> <li>- identify the interrelationships and patterns of the political process;</li> <li>- compare political systems, institutions and actors in the cross-country and subnational context, based on the knowledge gained and the methods mastered.</li> </ul> <p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- the skills (gain experience) of working with primary sources on the topics of the course; analysis of regulatory legal acts and other documents; search, processing and analysis of information; solving problems related to the assessment of the political course; working in groups, project activities, business games; public speaking; academic writing.</li> <li>-the skills to express their thoughts and opinions in interpersonal and business communication in a foreign language;</li> </ul>

			- the skills to extract the necessary information from the original text in a foreign language.
1	Cultural studies	Competence of general education	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>- basic theories of culture, basic concepts of cultural studies; the main directions of the methodology of modern cultural analysis;</li> <li>- the history of the formation of world culture and civilization, theoretical features of basic cultural concepts, various interpretations of culture and civilization in world and domestic literature;</li> <li>- actual problems of the development of modern culture;</li> <li>- the idea of culture as a socio-historical phenomenon;</li> <li>- patterns of the development of world cultures, as well as the typology of the classification of cultures;</li> <li>- basic knowledge about the history of the most important cultures of mankind;</li> <li>- about the ways of acquiring, storing and transmitting the basic values of culture - about the diversity and self-worth of various cultures,</li> <li>- forms and types of culture, patterns of their functioning and development, the main cultural and historical regions</li> <li>- the history of Kazakh culture, its place in the system of world culture and civilization</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- identify the features of this culture, the dominant values in it;</li> <li>- explain the specifics of intercultural communication;</li> <li>- conduct independent professional activity in a dynamically changing multicultural society;</li> <li>- navigate the cultural environment of modern society;</li> <li>- explain the phenomenon of culture, its role in human life;</li> <li>- navigate cultural issues, independently understand the issues of the influence of cultural factors on the behavior of individuals;</li> </ul> <p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- practical skills in the preservation and enhancement of national and world cultural heritage;</li> <li>- practical skills of practical use of knowledge and skills in taking into account the specifics of cultural behavior of various individuals and collectives in the modern conditions of the</li> </ul>

			formation of civil society in the Republic of Kazakhstan.
1	Psychology	Competence of general education	<p><b>To know:</b> the patterns of mental development at various age stages, the main mental processes, properties and states of personality; psychological features of the age periods of development of younger schoolchildren and the theoretical foundations of the diagnosis of the personality of a younger student, modern diagnostic methods.</p> <p><b>Be able to:</b> rely on the peculiarities of mental development in the educational process, apply the knowledge gained from the field of psychology in the process of education and training of younger schoolchildren; use psychodiagnostic techniques in the study of the personality of a younger student; select methods and techniques for the purpose of studying the subject of research.</p>
1,2	Physical culture	Competence of general education	<p><b>Know:</b> - the role of physical culture in the development and training of a specialist; - fundamentals of the state policy of the Republic of Kazakhstan in the field of physical culture and sports; - theoretical and methodological foundations of physical culture; - the main achievements of the Republic of Kazakhstan in the field of physical culture; - hygienic and organizational bases of physical culture and sports.</p> <p><b>Be able to:</b> - use practical skills and abilities in life that ensure the preservation and strengthening of health, development and improvement of psychophysical abilities and qualities; - use physical culture, sports and wellness activities to achieve life and professional goals; - apply the rules for the safe conduct of physical exercises and sports.</p> <p><b>Own:</b> - the skills of organizing mass sports competitions; - exercises for professional and pedagogical physical training, general physical training, special physical training, as well as apply special games in practice; - a system of practical skills that ensure the preservation and strengthening of health, development and improvement of psychomotor abilities and qualities.</p>
2	Fundamentals of economic and legal knowledge	Competence of general education	<p><b>To know:</b> methods of scientific research in economics, various theories about entrepreneurship, financial literacy and market economy, types of entrepreneurial activity, spheres of entrepreneurship, to master various quantitative and qualitative</p>

			<p>methods for creating the future of your own business, entrepreneurial calculations, analytical calculations and forecasts, the main provisions of the Constitution and the current legislation of the Republic of Kazakhstan, the system of public administration bodies and their terms of reference, the mechanism of interaction of substantive and procedural law, the essence of corruption and the reasons for its origin, current legislation in the field of anti-corruption.</p> <p><b>Be able to:</b> analyze and justify the reality of business plans, market segmentation, competently and professionally assess the market situation for the organization of their business, creatively approach the solution of various economic tasks, possess practical skills of independent economic work in the field of entrepreneurship, calculate your personal budget, have clear background information and fast and correct orientation to economic indicators, analyze events and actions from the point of view of the field of legal regulation and be able to refer to the necessary regulations, navigate the current legislation, using the law to protect their rights and interests, to use spiritual and moral mechanisms to prevent corruption.</p> <p><b>Skills:</b> acquire practical skills in building graphs and diagrams illustrating various economic models, independent economic work in the field of entrepreneurship, quickly and correctly navigate the actual source information and estimated economic indicators, determine the levels of financial security, have the skills to identify problems of an economic nature in the analysis of specific situations and their solutions, taking into account the actions of economic patterns at the micro and macro levels, conducting discussions on legal issues, on the application of norms in the modern period, analysis of the situation of conflict of interests and moral choice.</p>
2	Fundamentals of scientific and environmental knowledge	Competence of general education	<p><b>Know:</b> forms and methods of pre-scientific, scientific and extra-scientific cognition, modern approaches to socio-humanitarian knowledge and their commensurability; basic epistemological models, the nature of transformations of the concept of rationality; fundamentals of ecology and safe human activity in the habitat, environmental factors and their impact on living</p>

			<p>organisms, methods for identifying, eliminating the influence of harmful factors on the person and the environment, and providing comfortable conditions for human life and activity;</p> <p><b>Be able to:</b> formulate and solve problems that arise in the course of research and require in-depth professional knowledge; modify existing and develop new methods based on the tasks of a specific study; choose methods of protection from hazards in relation to the field of their professional activities and choose ways to ensure comfortable living conditions;</p> <p><b>The skills</b> of conducting independent research and scientific and pedagogical activities that require extensive education in the appropriate direction; the ability to apply methodological and methodological knowledge in conducting scientific research; skills to ensure the safety of life in professional activities, living conditions and in emergency situations.</p>
1	Pedagogy	General professional competence	<p><b>To know:</b> the methodological foundations of pedagogy as a field of scientific knowledge; the content and structure of the holistic pedagogical process; the main categories, concepts of pedagogy and theory and methods of educational work; features of the development of education in Kazakhstan, modernization of the education system in the Republic of Kazakhstan, knowledge of the standards of 12-year education;</p> <p><b>Be able to:</b> apply in practice the basic methods, forms and means used in the educational process of the school; carry out pedagogical communication and interaction in the pedagogical process; design and carry out educational work in accordance with the laws, educational mechanisms of the pedagogical process;</p> <p><b>Own:</b> conducting diagnostics of the educational process in the classroom according to the main characteristics (variables) and predict its further development;</p> <p>knowledge of modern educational and educational technologies, issues of school management and school documentation.</p>
1	Psychology and development of human	General professional competence	<p><b>To know:</b> features of psychology as a way of cognition of the human psyche and consciousness; the subject and objectives of psychological science and practice; age-related features of personality development; mechanisms and factors of a child's</p>

			<p>mental development at various stages of his formation as a person; dynamics of development and structure of personality and human activity; psychological features of a person's personality in ontogenesis and phylogenesis;</p> <p><b>Be able to:</b> use the acquired knowledge in practice; to create a methodological basis for monitoring the progress, completeness of the content and conditions of the child's mental development.</p> <p><b>Own:</b> possess a system of knowledge about the mechanisms, factors and patterns of mental development; a system of knowledge about the mechanisms of regulation of human behavior and activity at various age levels;</p>
1	Age physiology and school hygiene	General professional competence	<p><b>To know:</b> general patterns of growth and development of the body; age-related features of physiology and hygiene of all systems of the child's body; hygienic requirements for buildings, classrooms, the air environment, lighting of classrooms and equipment of schools; hygienic foundations of the organization of the educational process and the daily routine for children of six years of age; fundamentals of the health of children and adolescents, familiarization with the rules of a healthy lifestyle.</p> <p><b>Be able to:</b> apply methods and means of cognition, learning and self-control for their intellectual development, cultural level improvement, professional competence, preservation of their health, moral and physical self-improvement;</p> <p>- Possess skills: the use of knowledge about the modern natural science picture of the world in educational and professional activities; the organization of educational work with children and adolescents, taking into account the anatomical and physiological characteristics of the body in different age periods, as well as taking into account the hygienic requirements for the building and classrooms, furniture and equipment of schools; ensuring the protection of life and health of students in the educational process and extracurricular activities; countering adverse environmental factors by introducing children and adolescents to the formation of a healthy lifestyle and health promotion.</p>

2	Management of education	General professional competence	<p><b>To know:</b> the content of management as a special type of professional activity; the development of the developed science in the works of domestic and foreign authors; the main theories and concepts of management of educational systems; psychological aspects, principles and mechanisms of theoretical and methodological foundations of management in education: functions, patterns, methods of pedagogical management; system-forming factors of pedagogical management; the history of the development of management concepts in education: features of school management based on systematic, humane, competence-based and technological approaches: fundamentals of management of the integral pedagogical process of the school.</p> <p><b>Be able to:</b> apply the acquired theoretical knowledge in the practice of management of an educational institution; carry out diagnostic, analytical and design activities within the framework of a unified management system of an educational institution; to use the skills of systematic, humane, human-centered, competence-based and technological approaches to the management of an educational institution; to assess the quality of management activities from the standpoint of the holistic pedagogical process of the school as an open pedagogical system; to be involved in the methodological work of an educational institution, to analyze and evaluate the effectiveness of the educational process using modern methods of assessing the quality of education, upbringing and development of students, to apply methods of work to overcome the limitations of pedagogical management.</p> <p><b>Own:</b> designing and analyzing the management of the integral pedagogical process of the school, research activities, pedagogical communication; skills of organizing subject-subject interaction of all participants in the pedagogical process; skills of applying the knowledge gained during professional practice, as well as when solving professional tasks; be flexible and mobile in various conditions and situations related to management activities CPP.</p>
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2	Theory and methods of up growing work	General professional competence	<p><b>To know:</b> the concept of "education", "educational process", "educational system of the school", pedagogical technologies in educational work; technology of pedagogical interaction with school parents; the essence, goals and objectives of educational work in school and classroom; forms and methods of pedagogical interaction and cooperation of subjects of the educational process: teachers, students, parents; patterns of development and methods of formation of the children's collective; system and activities of the class teacher; modern technologies of education; diagnostics of the results of educational work; modern concept of education in the Republic of Kazakhstan and educational systems of school and class; principles and culture of academic honesty in teaching activities in the secondary education system.</p> <p><b>Be able to:</b> study and generalize advanced pedagogical experience in the field of education; model, plan and conduct educational work in the classroom, school with a focus on the formation of a citizen of Kazakhstan on the basis of universal and national values; choose types of education taking into account its goals and objectives, as well as age and individual characteristics of pupils; variatively apply methods and techniques of education, to select and use means, organizational forms of education; to carry out pedagogical guidance and management of the process of forming a classroom team and organizing its activities; to organize class hours, CTD and educational activities of various directions; to choose and use innovative technologies of education, including technologies of re-education of difficult children; to choose forms of effective cooperation with parents; to organize work with gifted children; to plan, organize and conduct career guidance work in the classroom and school; to study the effectiveness of the educational process and methodically ensure it.</p> <p><b>Own:</b> possess the skills of designing and analyzing the management of the integral pedagogical process of the school; research activities; pedagogical communication; organization of subject-subject interaction of all participants in the pedagogical process; application of the knowledge gained during the period</p>
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			of professional practice, as well as in solving professional tasks
2	Inclusive education	General professional competence	<p><b>To know:</b> the basic system of laws about the possibilities of inclusive education of persons with disabilities; regulatory and legal support of inclusive education; methods and technologies of work in the field of inclusive education.</p> <p><b>Be able to:</b> develop an algorithm of professional actions in working with children with various developmental disabilities, apply the theoretical knowledge gained to classify the separation of development and provide psychological and pedagogical assistance to children with special educational needs, as well as find, analyze and systematize information on the organization of inclusive education;</p> <p><b>Own:</b> organization and provision of optimal socio-environmental and educational conditions for children with disabilities in general education organizations.</p>
3	Professional Russian (Kazakh) language	General professional competence	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>- professional vocabulary and terminology;</li> <li>- the specifics of oral communication in the professional field;</li> <li>- linguistic features of oral and written communication;</li> <li>- features of business communication and business etiquette.</li> </ul> <p><b>Be able to:</b></p> <ul style="list-style-type: none"> <li>- use the Russian language in interpersonal communication and professional activities;</li> <li>- to carry out business communication and conduct business conversations on professional topics;</li> <li>- to make out and transfer the necessary information in writing;</li> <li>- explain your point of view and critically evaluate the provisions put forward;</li> <li>- create your own statements, essays, etc.</li> <li>- apply business etiquette in speech.</li> </ul>

			<p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- skills of expressing one's thoughts and opinions in interpersonal and business communication in Russian;</li> <li>- professional terms and concepts;</li> <li>- analysis of professional text;</li> <li>- information competence: the ability to work with a book, textbook, reference literature, dictionaries, find the necessary information.</li> </ul>
3	Professionally oriented foreign language	General professional competence	<p><b>Know:</b></p> <ul style="list-style-type: none"> <li>- lexical material on the topics of this discipline;</li> <li>- regulatory requirements for registration (official letter, essay, etc.);</li> <li>- improve pronunciation skills;</li> <li>- develop productive and receptive lexical and grammatical skills;</li> <li>-to improve the skills of dialogic speech of a general nature associated with situations of everyday and professional communication;</li> <li>- develop listening skills (with a full understanding of what they heard);</li> <li>- develop and improve writing skills;</li> <li>- improve the skills of introductory, studying, viewing and search reading.</li> </ul> <p><b>be able to:</b></p> <ul style="list-style-type: none"> <li>-automate the technical skills of reading to oneself;</li> <li>- develop the ability to transfer scientific information and literature of a socio-political nature;</li> <li>- develop the skills of monologue (prepared) speech - the deployment of the thesis;</li> <li>- master reversed reading aloud of the prepared message;</li> <li>- teach referencing skills.</li> </ul> <p><b>Own:</b></p> <ul style="list-style-type: none"> <li>- complexity in solving practical, educational, educational and developmental goals (at the same time, practical goals act as leading ones);- communicative orientation of the</li> </ul>
4	Bases of modern kazakh (russian) language	General professional competence	<p><b>To know</b> Russian, to the subject, tasks, principles and methods of studying the discipline, sections of the modern Kazakh</p>

			(Russian) language (phonetics, lexicology, word formation, morphology, syntax, culture of speech). <b>be able to</b> operate with the concepts of the modern Kazakh (Russian) language, to use competently in oral and written speech.
2	Pedagogical skills and methods of application of modern educational technologies	Special competence	<b>To know:</b> theoretical and practical foundations of the pedagogical profession, components of pedagogical skills, fundamentals of pedagogical technique, ethics, communication; <b>Be able to:</b> the skills of applying modern educational technologies in the educational process of primary school. contributes to the formation of their practical skills of pedagogical activity
3	Methods of education mathematics	Special competence	<b>To know:</b> the basics of the content of the subject of mathematics studied in elementary school: arithmetic of natural numbers within 1000000 and zero, the most important quantities, the main approaches, methods, techniques, forms of teaching and development of younger students in mathematical activity; <b>Be able to:</b> analyze the content of the topic under study, identify its developing capabilities and implement them; To possess: to carry out the assimilation by schoolchildren of mathematical knowledge that is general and abstract in nature to more specific and concrete knowledge;

### List of modules included in the MOP

Name and № module	Name of disciplines	Block	Semester	The volume of credits for the discipline	Form of control	Total credits by module
				RK		
<b>M.1 History of Kazakhstan</b>	History of Kazakhstan	OOD OK	1	5	GA	5
<b>M.2 Basics of linguistic training</b>	Foreign language	OOD OK	1,2	5	Exam	10

	Kazakh (russian) language	OOD OK	1,2	5	Exam	10
	Bases of modern kazakh (russian) language	PD VK	4	5	Exam	5
<b>M.3 Fundamentals of the teaching profession</b>	1.Pedagogy	BD VK	1	5	Exam	7
	2.Educational (introductory) practice	BD VK	2	2	Practice	
<b>M.4 Socio-political and economic-legal, natural knowledge</b>	Philosophy	OOD OK	3	5	Exam	18
	Sociology	OOD OK	1	2	Exam	
	Political science	OOD OK	2	2	Exam	
	Culturology	OOD OK	1	2	Exam	
	Psychology	OOD OK	2	2	Exam	
	1. Fundamentals of economic and legal knowledge	OOD KB	2	3	Exam	
1. Fundamentals of scientific and environmental knowledge	OOD KB	2	2	Exam		
<b>M.5 Functionalliteracy</b>	Information communication techology (in english lang.)	OOD OK	2	5	Exam	5
<b>M. 6 Psychological aspects of personality development</b>	1.Psychology and development of human	BD VK	1	4	Exam	7
	2.Age physiology and school hygiene	BD VK	2	3	Exam	
<b>M.7 Physical culture</b>	Physical culture	OOD OK	1-4	8	Differential credit	8
<b>M. 8 Psychological foundations of the study of the personality of a younger student</b>	1.Pedagogical-psychological practice	BD VK	4	2	Practice	14
	1.Psychology of elementary school students	BD KV	3	6	Exam	
	2. The child's readiness for schooling				Exam	
	1.Psychological pedagogical diagnostics of elementary schools students	BD KV	3	6	Exam	
	2.Methods of scientific research in psychology				Exam	
<b>M. 9 Department of Education</b>	1. Management of education	BD VK	3	3	Exam	20
	2. Theory and methods of up groving work	BD VK	3	3	Exam	

	3. Inclusive education	BD VK	4	3	Exam	
	4. Pedagogical practice	PD VK	5	6	Practice	
	1. Didactics 2. Special pedagogy	BD KV	4	5	Exam	
<b>M. 10 Psychological and pedagogical features of working with younger schoolchildren</b>	1. Defectology 1. Bases of speech therapy	BD KV	4	5	Exam	14
	1. The content of the work of a primary school teacher with children with special educational needs 1. Correctional pedagogy	BD KV	5	4	Exam Exam	
	1. Psychological and pedagogical bases of teaching and upbringing of primary school children 1. Pedagogy of primary school	PD KV	6	5	Exam Exam	
<b>M11 Fundamentals of psychological competence</b>	1. Fundamentals of Psychological Competence 2. Fundamentals of Psychological Competence	BD KV	3	5	Exam Exam	5
<b>M. 12 Professional languages</b>	1. Professional Kazakh (Russian) language	BD VK	5	3	Exam	6
<b>M 13 Private methods</b>	2. Professionally-oriented foreign language	BD VK	6	3	Exam	57
	1. Pedagogical skills and methods of application of modern educational technologies	PD VK	4	5	Exam	
	1. Information Technology in Education 2. Digital Educational Technology	BD KV	5	5	Exam Exam	
	1. Methods of education mathematics	PD VK	5	5	Exam	
	1. Structural system of updated content of education in primary school Prerequisites: Pedagogy 2. Personal professional activity of the teacher on the basis of the updated content of education	BD KV	5	3	Exam Exam	
	1. Theory and technology of studying writing skills	PD KV	4	3	Exam	

	2. History of learning calligraphy				Exam Exam	
	1 Criteria-based assessment technology and methods of teaching literary reading 2. Children's literature	PD KV	5	4	Exam Exam	
	1. The technology of criteria-based assessment and methods of teaching natural science 2. Criteria-based assessment technology and methods of teaching knowledge of the world	PD KV	6	5	Exam Exam	
	1. Vocal-choral education 2. Theory and methodology of musical art	PD KV	7	5	Exam Exam	
	1. Methodology of teaching «Artistic work» 2. Applications and plastilino-graphy	PD KV	8	4	Exam Exam	
	1. Theory and technology of visual aids 2. Theory and technology of art education	PD KV	8	3	Exam Exam	
	Industrial and pedagogical practice	PD VK	8	15	Practice	
<b>M.14 Social aspects of pedagogy</b>	1. Social pedagogy 1. Self-determination and vocational guidance of students	BD KV	6	6	Exam Exam	21
	2. Etnopedagogy 2. Social psychological training	BD KV	6	5	Exam Exam	
	3. Family pedagogy 3. Pedagogical consulting	BD KV	7	5	Exam Exam	
	4. Working with underachieving children 4. Deviantology	BD KV	6	5	Exam Exam	
<b>M.15 Development of pedagogical science</b>	1. Comparative pedagogy 1. Pedagogy of primary education in foreign countries	BD KV	7	5	Exam Exam	10
	2. History of pedagogy 2. The development of pedagogical science in Kazakhstan	PD KV	7	5	Exam Exam	
<b>M. 16 Professional competence of the future teacher</b>	1. Modern pedagogical technologies in elementary school	BD KV	7	5	Exam	5

	2. Professional competence of future specialists				Exam	
<b>M 17 Scientific and pedagogical research</b>	1. Methods of scientific and pedagogical research 1. Theory and technology of pedagogical design	BD KV	7	5	Exam Exam	5
<b>M.18 Final certification</b>	Writing and defense of diploma work (project) or preparation and submission of comprehensive exam	Fnl	8	8	Thesis defense	8