

Kazakh Humanitarian-Juridical Innovative University
Humanitarian Faculty

MODULAR EDUCATIONAL PROGRAM

6B01302 – Pedagogy and methods of education of elementary school

Semey, 2021 year

Created by Pedagogy and Psychology department

Discussed and approved at the meeting of the Department of Pedagogy and Psychology

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1. EXPLANATORY NOTE
2. THE GRADUATE'S COMPETENCE MODEL
3. THE LIST OF MODULES INCLUDED IN THE MOS WITH THEIR BRIEF CHARACTERISTICS
4. MODULE FORMS
5. APPROVED CURRICULUM FOR THE ENTIRE PERIOD OF STUDY

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

The modular educational program (MOE) is based on the State Mandatory Standard of all levels of education, approved by the Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 604 dated 31.10.2018, the Rules for organizing the educational process on credit technology of education, approved on October 12, 2018 by the Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 563, the Professional Standard «Teacher», approved by the Order of the Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken» No. 133 dated 8 June, 2017.МОП разработана как совокупность последовательных учебных модулей на весь период обучения и направлена на овладение компетенциями, необходимыми для присвоения присуждаемой степени бакалавр образования ОП–Педагогика и методика начального обучения.

The modules of the OOD block (56 credits in total), ОК-51, КВ-5 include disciplines common to all specialties of education, during the study of which the graduate must master the following competencies: 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, possession of information about the political life of the country.

The BD block (112 credits in total) includes disciplines of the university component (VK) - 34 credits; and elective components (CV) - 78 credits. The modules of these disciplines form a set of competencies: 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 (60 credits in total) includes disciplines of the university component (VK) -27 credits; and elective components (KV) - 33 credits. Modules of these disciplines allow to form a complex of key and special competencies acquired by a graduate: 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.

Upon graduation, students of OP - Pedagogy and methods of primary education pass the final state certification of IGA - 12 credits.

The criterion for the completion of the educational process is the student's mastering of at least 240 credits of theoretical training.

The MOS consists of 19 modules

The area (application of knowledge and skills) of the graduate's activity where he can work

- Primary school teacher;
- Methodologist in educational institutions.

Goal – training of qualified primary school teachers who possess the key competencies of a teacher in the modern education system.

Tasks of the modular educational program:

- formation of the basic professional competence of the bachelor through the formation of an idea of the holistic pedagogical process of the school and the psychological characteristics of the child;
- mastering new achievements in the field of psychological and pedagogical sciences;
- mastering the methods of pedagogical research for designing new models and strategies of the educational process;
- study of the main directions and specifics of modern teaching methods of individual disciplines as a science: content, forms and methods of teaching;
- study of the directions of development of the pedagogical profession, the main aspects of pedagogical activity, the features of the development of education in Kazakhstan;
- formation of skills of pedagogical interaction with various categories of people;

- formation of skills of application of pedagogical knowledge in future professional pedagogical activity and daily life.

On 29 January 2021, a seminar with employers was organized at the Faculty of Humanities on the topic: «Current problems and problems of social partnership in the higher education system».

Representatives of educational institutions of Semey took part in the round table: KGU Secondary educational school Lyceum №38, KGU Secondary educational school №3, KGU Secondary educational school № 42 with a boarding school. During the seminar, issues of further improvement of educational programs were considered, taking into account the needs of the modern labor market. Following the results of this seminar, the following disciplines were recommended for inclusion in the OP: «The structural system of the updated content of education in primary school», «Fundamentals of psychological competence»

The educational program B01302 «Pedagogy and methods of education of elementary school» was reviewed by the directors of KGU Secondary school № 38 Kenzhebaeva A.S., KGU Secondary school № 3 Akhmetkalieva N.N., KGU secondary school № 42 with a boarding school Zhuanysheva K.A.

Classification of educational program competencies B01302 «Pedagogy and methods of education of elementary school»:

Competence	Function
General education	Labor function № 1: Training
General professional	Labor function № 1: Training Labor function №2: Educating
Special	Labor function №3: Methodical Labor function №4: Research Labor function №5: Social and communicative

TRAINING FUNCTION

Knowledge:

- in the field of natural sciences (special, humanitarian, economic) disciplines that contribute to the formation of a highly educated
- individuals with a broad outlook and a culture of thinking;
- classical provisions of school didactics;
- new achievements in the field of psychological and pedagogical sciences;
- traditional technologies and didactic teaching tools, including ICT;
- 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;
- 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).

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;
- create conditions for the adaptation of primary school children to communication in the target languages: Kazakh Ya2, Russian Ya2, English Ya3 (for teachers involved in multilingual education programs);
- 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.

EDUCATING FUNCTION

Knowledge:

- primary school pedagogy;
- pedagogical psychology;
- 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.

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.

METHODICAL FUNCTION

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.

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.

RESEARCH FUNCTION

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.

SOCIAL AND COMMUNICATIVE FUNCTION

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.).

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".

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
		listofdisciplines	the sequence of their study (sem.)	
Basic discipline (Component of choice)				
1	General professional	Fundamentals of Psychological Competence	3semester	<p>To know: the main problems and key social and psychological patterns of pedagogical activity: the basics of the use of psychotechnologies aimed at disclosing, implementing and developing the individuality of a specialist, optimizing his relationship with students, colleagues, parents;</p> <p>To be able to: apply socio-psychological knowledge in building their own professional behavior in pedagogical situations: improve the skills of emotional self-regulation; flexibly use their internal resources as ways to achieve success in professional activity; to carry out emotional and</p>

				cognitive reflection of various pedagogical situations.
		Fundamentals of professional self-determination		<p>To know: 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; structure, goals, objectives and content of modern professional orientation</p> <p>To be able to: to substantiate and reveal the content 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>
2	General professional: Labor function № 1: Training Special: Labor function №4: Research	1. Psychology of elementary school students	3	<p>To know: the system of subject, psycho-pedagogical and methodological knowledge and apply them in activities.</p> <p>To be able to: apply obtained knowledge in practice.</p>
		2. The child's readiness for schooling		<p>To know: General patterns and mechanisms of human mental activity, the main categories of difficult students, the nature and temperament in the emergence of deviant behavior of students.</p> <p>To be able to do a thorough analysis of personality, their characteristics, needs, motives, attitudes.</p>
3	Special: Labor function №4: Research	1. Psychological pedagogical diagnostics of elementary schools students	3	<p>To know: the methods of organizing various types of diagnostics, scientific and theoretical bases of psychological-pedagogical diagnostics, assessment of the qualities of psychodiagnostic methods.</p> <p>To be able to: to develop optimal ways to build and carry out psycho-pedagogical diagnosis in primary school.</p>

		2.Methods of scientific research in psychology		<p>To know: Psychological - pedagogical bases of revealing, training, education and development of gifted children;</p> <p>To be able to:Psychodiagnostic research skills</p>
4	General professional: Labor function №2: Educating Special: Labor function №3: Methodical	1. Self-knowledge and methods of teaching self-knowledge	4	<p>To know: specifics of a primary school teacher, modern features of organization of educational and educational process</p> <p>To be able to: to apply methods, forms, means of learning self-knowledge.</p>
		2.Methods of active socially-pedagogical training		<p>To know: Specific requirements for the procedure for creating social support and support programs, based on the specifics of students and educational space</p> <p>To be able to: To create programs of social support and support, proceeding from the specifics of students and educational space</p>
5	General professional: Labor function № 1: Training Special: Labor function№4:Research	1.Defectology	4	<p>To know: Know the features of formation and development of prenatal and postnatal causes of defects.</p> <p>To be able to: the ability to discern the peculiarities of the mental development in children with disabilities impaired speech, hearing and vision, their causes and consequences.</p>
		2.Basics of speech therapy		<p>To know: Causes of speech deflection, violation of the articulatory apparatus in children.</p> <p>To be able to: Distinguish between types of speech deviations</p> <p>Skills The application of techniques for working with speech deviations.</p>
6	General professional: Labor function № 1: Training Special: Labor function№4:Research Special: Labor function№5:Social and communicative	1.The content of the work of a primary school teacher with children with special educational needs	5	<p>To know: causes of developmental disabilities in children.</p> <p>To be able to:distinguish between types of deviations</p>
		2. Correctional pedagogy		<p>To know: course purpose and its basic concepts; essence of pedagogical systems of special education; stages of development of special education in foreign countries and in Kazakhstan;</p>

				modern approaches to teaching and raising children with disabilities and children with deviant behavior; To be able to: use the methods of psychological and pedagogical diagnostics; pose pedagogical problems and make decisions on specific issues of training and education of children with special educational needs, as well as children with deviant behavior;
7	General professional: Labor function № 1: Training Special: Labor function №5: Social and communicative	1. Information technology in education	5	To know: modern information technologies used in education; techniques and methods of using IT tools in various types and forms of educational activities. To be able to: use modern information technologies in the process of educational activities; evaluate the software and the prospects for its use, taking into account the professional tasks to be solved;
		2. Digital educational technologies		To know: The essence of the concepts of communication and information technologies, digital educational environment, e-learning, types of audiovisual teaching aids, features of pedagogical communication in distance learning, modern opportunities for individualization of learning using information technologies To be able to: distinguish between types of deviations
8	General professional: Labor function № 1: Training Special: Labor function №3: Methodical	1. Structural system of the updated content of education in primary school	5	To know: знает и понимают структуру, содержания цели программы обновленного содержания образования по предметам начальных классов To be able to: be able to use pedagogical methods, teaching materials, programs of updated educational content in primary school subjects, in order to achieve the goal of teaching the updated educational content in primary school subjects; understand and be able to use criteria assessment systems
		2. Personal professional activity of a teacher based on		To know: theoretical foundations of the teacher's personal and professional activity based on the

		the updated content of education		updated content of education. To be able: apply the knowledge gained on the updated educational program in practice
9	General professional: Labor function № 1: Training Special: Labor function№4:Research Special:	1.Workwithunderachievingchildren	6	To know: how to work with underachieving children To be able to: apply obtained knowledge in practice.
		2.Deviantology		To know: Forms and variants of deviant behavior at different ages; Theory and methods of working with children and adolescents, who are marked by deviant behavior, ways and means of psychological help to such a client. To be able to: Design correctiveSocial and educational programs; To organize a corrective-developing environment; Create conditions for self-developmentChild with deviant behavior,To make well-founded, psychologically expedient decisions in various fields Psychological help.
10	General professional: Labor function № 1: Training Special: Labor function№5:Social and communicative	1. Social pedagogy	6	Know: specifics of social pedagogical activities of the teacher. To be able: to extract from the sources the information necessary to allocate the main thing.
		2. Self-determination and professional orientation of students		To know: Fundamentals of vocational training, classification of professions, types of professions, the stages of professionalization, the main directions of the organization of professional counseling, methods of professional diagnosis, the specifics of professional counseling with students. To be able to: Design professions of specialties, make a personal professional plan, organize a procedure for professional counseling (depending on the problem in hand).
11	Generalprofessional: Labor function №2: Educating	1.Ethnopedagogy	6	Know: media Purpose, factors, methods, and functions of folk pedagogy and their application in the educational process. To be able to: Critically and creatively to make

				<p>sense of different concepts of folk pedagogy, analyze specific ethno-pedagogical material; independently interpret folk-pedagogical phenomenon; to analyze, compare and assess the progressive traditions of national education of different ethnic groups; almost the use of ethnopedagogical knowledge in the solution of pedagogical tasks.</p> <p>Know: traditions and customs of the peoples living in Kazakhstan, tolerant has a high level of civic consciousness, creative activity and life skills; To be able to: to understand freely navigate the ethnopedagogic processes taking place in Kazakhstan and beyond</p>
		2. Pedagogyformation of interethnic tolerance		
12	General professional: Labor function №2: Educating Special: Labor function№5:Social and communicative	1. Family pedagogy	7	<p>Know: content and concepts of family pedagogy, mechanisms of family education. To be able: possession of methods of providing social and pedagogical assistance to the family</p> <p>Know: apply techniques, methods and techniques of social and pedagogical counseling To be able: to allocate specificity of pedagogical consultation and independently to formulate its tasks with reference to concrete situations;</p>
		2. Pedagogical consulting		
13	Generalprofessional: Labor function № 1: Training	1. Comparative pedagogy	7	<p>To know: the similarities and differences of pedagogy in different countries. To be able: to extract from the sources the information necessary to allocate the main thing, to critically assess the accuracy of the information.</p> <p>To knowTrends in primary education abroad.. To be able: To apply knowledge in practical activities.</p>
		2. Pedagogy of elementary education in foreign countries		
14	General professional: Labor function №2: Educating Special: Labor function№5:Social and communicative	1. Primary school teacher's communicative culture	7	<p>To know: main aspects of communication To be able: use knowledge in practice.</p> <p>To know: communication criteria, as well as the structure and potential opportunities for training, as methods of group work. To be able: o control oneself and one's visions in various situations of communicative interaction; put</p>
		2.Social psychological training		

				the acquired knowledge into practice.
15	Special: Labor function №4: Research	1. Methods of science pedagogical investigation	7	Know: ownership of knowledge in the field of epistemology, methodology, pedagogy and psychology. To be able to: carry out complex monitoring on the basis of psychological - pedagogical diagnostics, analysis and synthesis, to be able to pedagogical reflection.
		2. Theory and technology of pedagogical design		Know: Knowledge in the field of epistemology, methodology, pedagogy and psychology. To be able to: Carry out complex monitoring on the basis of psychological and pedagogical diagnostics, analysis and synthesis, be capable of pedagogical reflection.
Profiling subjects (Component of choice)				
1	Special: Labor function №3: Methodical	1. Theory and technology of studying writing skills	4	To know: the rules of calligraphy, the system of methodical receptions held in NSH dictations, summaries and essays To be able to write calligraphically correct.
		2. History of learning calligraphy		To know: History of calligraphic writing. To be able to To apply knowledge in practice
2	Special: Labor function №3: Methodical	1. Criteria-based assessment technology and methods of teaching literary reading	5	Know: how to work with literature in primary school To be able: to Orient the choice of the material being studied, analyze works of art
		2. Children's literature		Know: Works of children's foreign, Russian and Kazakh literature To be able: Correctly select the product of children's literature in practice
3	Special: Labor function №3: Methodical	1. Technology of criterion assessment and methods of teaching natural science	6	To know: theoretical aspects of the course knowledge of the world. To be able to: apply obtained knowledge in practice.
		2. Methods of teaching knowledge of the world		To know: theoretical aspects of the course knowledge of the world. To be able to: apply obtained knowledge in

				practice.
4	General professional: Labor function № 1: Training Special: Labor function №4: Research	1. Psychological and pedagogical bases of teaching and upbringing of primary school children	6	To know: psychological and pedagogical basis for the readiness of elementary school students for school. To be able to: use knowledge in practice
		2. Pedagogy of primary school		To know: basic theories and technologies of training and education and use them in organizing the process of training and education To be able to: to rely on didactic laws and principles in the learning process; use the methods, techniques of training and education; use modern pedagogical technologies in training and education of students;
5	General professional: Labor function № 1: Training	1. History of pedagogy	7	To know: the development of pedagogical science in different periods of its formation. To be able: to extract from the sources the information necessary to allocate the main thing, to critically assess the accuracy of the information.
		2. The development of pedagogical science in Kazakhstan		To know: The history of the development of pedagogical science in Kazakhstan; State documents on education. To be able: To evaluate various events and phenomena in the history of the development of pedagogical science; Correctly use theoretical knowledge in the practice of modern educational institutions of practical activity.
6	Special: Labor function №3: Methodical	1. Vocal and choral education	7	To know: pitch, metric structural representation. Be able to: identify aurally the frets, intervals and chords.
		2. Theory and methodology of musical art		To know: Achievements of modern music and pedagogical science, various types of musical activity of students.. Be able to: Apply knowledge in practice
7	Special: Labor function №3: Methodical	1. Methods of teaching «Artistic work»	8	To know: features of the organization of classroom work in elementary school. Be able to: organize labor education.

		2.Theory and technology of production of visual aids		To know: Technology of work on application and plasticine. Be able to: Work with paper, clay and clay
8	Special: Labor function №3: Methodical	1.Theory and technology of production of visual aids	8	To know Technology for visual aids Be able to: Apply the acquired knowledge in practice.
		2.Theory and technology of art education		To know the features of the lessons of fine arts in the elementary school. Be able to: apply obtained knowledge in practice.

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

Course	Providing disciplines	Competence	Expected result
1	2	3	
General obligatory modules (required component)			
1	History of Kazakhstan		<p>know:</p> <ul style="list-style-type: none"> - demonstrate knowledge and understanding of the main stages of history development of Kazakhstan; <p>Be able to:</p> <ul style="list-style-type: none"> - 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; - be able to objectively and multi-sided comprehend the immanent features of the modern Kazakh model of development; <p>Own:</p> <ul style="list-style-type: none"> - possess the skills of analytical and axiological analysis in the study of historical processes and phenomena of modern Kazakhstan; - systematize and critically evaluate historical phenomena and the processes of the history of Kazakhstan
1	Foreign language		<p>Know:</p> <ul style="list-style-type: none"> - lexical minimum and language material of topics and subtopics in a given discipline (social and social and cultural spheres of communication). <p>Be able to:</p> <ul style="list-style-type: none"> - understand by ear not only individual phrases and frequently used words, but also more voluminous statements on topics

			<p>directly related to it,</p> <ul style="list-style-type: none"> - understand the main content of short simple content on the radio, at the airport, at the station. - understand when reading the content of short, simple texts, advertisements, brochures, menus, bus and train schedules, short simple personal letters, e-mails. - 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. - write a simple letter of a personal nature, a note, an autobiography. <p>Own:</p> <ul style="list-style-type: none"> - understanding of foreign language dialogic and monologue speech within the framework of general cultural and professional topics; - a foreign language at a level that allows to carry out the main types of speech activity; - different ways of oral and written communication; - skills of adequate response in situations of everyday, academic and professional communication; - skills of listening, reading, writing.
1	Kazakh (russian) language		<p>Know:</p> <ul style="list-style-type: none"> - theoretical foundations of the course (language, its functions, forms of speech, text, its features, styles of speech, functional and semantic types of speech); - features of dialogic and monologue speech; - types of scientific information and the specifics of its implementation in a scientific text; - elements of structural-semantic analysis and semantic analysis of a scientific text, components of a speech situation, speaker's intentions. <p>Be able to:</p> <ul style="list-style-type: none"> - 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;

			<ul style="list-style-type: none"> - 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; - 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; - participate in communication in various situations in different spheres of communication in order to realize their own intentions and needs (everyday, educational, social, cultural), declaring them ethically correct, meaningfully complete, lexico-grammatically and pragmatically adequate to the situation; - discuss ethical, cultural, socially significant issues in discussions, express their point of view, defend it with arguments, critically evaluate the opinion of interlocutors; - 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; - 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. <p>Own:</p> <ul style="list-style-type: none"> - the skills of producing oral and written speech in accordance with the communicative goal and the professional sphere of communication; - language skills in various situations of everyday, socio-cultural, professional communication; - skills of searching, processing information in Russian; - types of speech activity.
1	Information and communication technologies (in English)		<p>Know: 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</p>

			<p>and store information; work with spreadsheets, perform data consolidation, build graphs; apply methods and means of information Be able to: 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>Own:database structure development; designing and creating presentations; receiving data from the server; creating video files; working with Smart applications; working with services on the e-government website</p>
2	Philosophy		<p>Know:</p> <ul style="list-style-type: none"> -basic philosophical concepts and categories, patterns of development of nature, society and thinking; - the essence of philosophical categories, terminology of philosophy and the structure of philosophical knowledge, functions of philosophy methods of philosophical research; - the place and role of philosophy in public life; <p>Be able to:</p> <ul style="list-style-type: none"> - to use the basics of philosophical knowledge to form a worldview position; - analyze ideological, socially and personally significant philosophical problems; - 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; - to understand the characteristic features of the modern stage of philosophy development <p>Own:</p> <ul style="list-style-type: none"> - the skills of philosophical analysis of various types of worldview; - the skills of philosophical thinking to develop a systematic, holistic view of the problems of society;
1	Sociology		<p>Know:</p> <ul style="list-style-type: none"> - patterns and stages of the historical process, the main historical facts, dates, events and names of world and domestic historical figures; - the main events and processes of national history in the context

			<p>of world history</p> <p>Be able to:</p> <ul style="list-style-type: none"> - critically perceive, analyze and evaluate historical information, factors and mechanisms of historical changes; - 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; - use various philosophical methods to analyze trends in the development of modern society, philosophical and legal analysis <p>Own:</p> <ul style="list-style-type: none"> - skills of a holistic approach to the analysis of society's problems; - methods of philosophical, historical and cultural studies, techniques and methods of analyzing the problems of society; - causal relationships in the development of Kazakhstan society; - the place of a person in the historical process and the political organization of society; - skills of respectful and careful attitude to the historical heritage
2	Political science		<p>Know:</p> <ul style="list-style-type: none"> - the main stages of the development of political knowledge in the history of civilization; - schools and directions of modern political science; - political life of society; - the political system and its institutions; - the essence of political processes in the country and the world. <p>Be able to:</p> <ul style="list-style-type: none"> - analyze the features of political systems and the functioning of political institutions; - critically evaluate the theoretical approaches of political science; - identify the interrelationships and patterns of the political process; - compare political systems, institutions and actors in the cross-country and subnational context, based on the knowledge gained and the methods mastered. <p>Own:</p> <ul style="list-style-type: none"> - the skills (gain experience) of working with primary sources

			<p>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.</p> <ul style="list-style-type: none"> -the skills to express their thoughts and opinions in interpersonal and business communication in a foreign language; - the skills to extract the necessary information from the original text in a foreign language.
1	Cultural studies		<p>Know:</p> <ul style="list-style-type: none"> - basic theories of culture, basic concepts of cultural studies; the main directions of the methodology of modern cultural analysis; - 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; - actual problems of the development of modern culture; - the idea of culture as a socio-historical phenomenon; - patterns of the development of world cultures, as well as the typology of the classification of cultures; -basic knowledge about the history of the most important cultures of mankind; - about the ways of acquiring, storing and transmitting the basic values of culture - about the diversity and self-worth of various cultures, - forms and types of culture, patterns of their functioning and development, the main cultural and historical regions - the history of Kazakh culture, its place in the system of world culture and civilization <p>Be able to:</p> <ul style="list-style-type: none"> - identify the features of this culture, the dominant values in it; - explain the specifics of intercultural communication; - conduct independent professional activity in a dynamically changing multicultural society; - navigate the cultural environment of modern society; - explain the phenomenon of culture, its role in human life; - navigate cultural issues, independently understand the issues of

			<p>the influence of cultural factors on the behavior of individuals;</p> <p>Own:</p> <ul style="list-style-type: none"> - practical skills in the preservation and enhancement of national and world cultural heritage; - 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 formation of civil society in the Republic of Kazakhstan.
1	Psychology		<p>To know: 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>Be able to: 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		<p>Know: - 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>Be able to: - 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>Own: - 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</p>

			ensure the preservation and strengthening of health, development and improvement of psychomotor abilities and qualities.
2	Fundamentals of market economy and entrepreneurship		<p>Know: to study various scientific theories about the market economy, entrepreneurial activity, to consider the types of entrepreneurial activity, industry, market mechanism. Master various quantitative methods for entrepreneurial calculations, marketing research, analytical calculations and forecasts, master the methodology for calculating general and specific indicators of production and business projects;</p> <p>Be able to: analyze and justify the reality of business plans, Market Segmentation, competently and professionally assess market conditions for organizing your own business, be creative in solving various economic tasks, analyze the economic situation in the field of entrepreneurship and correctly assess qualitative changes in the development of the economy; possess practical skills of independent conduct of Economic Work at the enterprise,</p> <p>Own: mechanisms of the foundations of a market economy and entrepreneurship; basic teachings, concepts and directions of development of a market economy and entrepreneurship; methodology for constructing graphs and schemes illustrating various economic models and types of business plans; directions for assessing economic processes and phenomena; methods for identifying problems of an economic nature in the analysis of actual problems of the modern economy, ways to solve them, taking into account the actions of economic laws at the micro and macro levels.</p>
2	Fundamentals of law and anti-corruption culture		<p>Know: the basic concepts and essence of legal relations, as well as legal mechanisms for regulating legal relations, the procedure for applying responsibility in legal relations, the importance of the principles and culture of academic honesty, the measure of moral and legal responsibility for corruption offenses.</p> <p>Be able to: has an intolerant attitude to corrupt behavior, respects the law and the law;</p> <p>Own: conducting discussions on legal issues, on the application of norms in the modern period.</p>
1	Pedagogy		To know:

			<ul style="list-style-type: none"> - about the role of science and education in public life; - about current trends in the global educational space; - about the professional competence of a teacher of 12-year secondary education; - about the social purpose and role of a teacher in modern society; - about the social meaning and content of their future specialty; - about the object of the future teacher's activity; - about the factors of continuous professional and personal formation of a teacher; - about the education system of the Republic of Kazakhstan; - theoretical and methodological foundations of pedagogy and the history of its development, the world pedagogical heritage; - theory and practice of the holistic pedagogical process; - technology for the implementation of the pedagogical process; <p>Be able to:</p> <ul style="list-style-type: none"> - to carry out pedagogical communication and interaction in the pedagogical process; - to design and carry out educational work in accordance with the laws, educational mechanisms of the pedagogical process; - to diagnose the educational process in the classroom according to the main characteristics (variables) and predict its further development; - formulate educational tasks, choose activities, forms and methods adequate to these tasks; - develop their own approaches to the process of education and upbringing, comprehend the trends in the development of educational systems at different stages of history; <p>possess skills:</p> <ul style="list-style-type: none"> - research activities; - pedagogical communication and pedagogical techniques; - organization of subject-subject interaction of all participants of the pedagogical process; - the use of pedagogical technologies in the educational process; - application of the acquired knowledge during the period of professional practice.
1	Psychology and development of		To know

	human		<ul style="list-style-type: none"> - the history of the development of the subject of psychology and the development of man and Soviet and foreign psychology; - characteristics of psychology and human development as a science, its methods and tasks; dynamics of development and structure of personality and human activity; - To have an idea of the psychological characteristics of a person's personality in ontogenesis and phylogeny. <p>Have</p> <ul style="list-style-type: none"> - an idea of the psychological features of a person's personality in ontogenesis and phylogeny: <p>Be able to</p> <ul style="list-style-type: none"> - 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.
1	Age physiology and school hygiene		<p>Apply the peculiarities of the development of schoolchildren of different age groups in practical activities.</p> <p>Students should:</p> <p>know:</p> <ul style="list-style-type: none"> - 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 basics of the organization of the educational process and the daily routine for children of six years of age; - fundamentals of health protection of children and adolescents, introduction to the rules of a healthy lifestyle. <p>be able to:</p> <ul style="list-style-type: none"> - 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>possess skills:</p> <ul style="list-style-type: none"> - the use of knowledge about the modern natural science picture of the world in educational and professional activities;

			<ul style="list-style-type: none"> - 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 hygienic requirements for buildings 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.
2	Management of education		<p>To know:</p> <ul style="list-style-type: none"> - theoretical and methodological foundations of management in education: functions, patterns, principles, 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 and technological approaches: - fundamentals of the management of the holistic pedagogical process of the school; - conditions for effective management of the teaching staff of the school <p>Be able to:</p> <ul style="list-style-type: none"> - apply the acquired theoretical knowledge in the practice of managing an educational institution; - to carry out diagnostic, analytical and design activities within the framework of a unified management system of an educational institution; - design and implement various types of management activities; - to use the skills of systematic, humane, human-centered, competence-based and technological approaches to the management of an educational institution; - to evaluate 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

			<p>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>Own:</p> <ul style="list-style-type: none"> - theoretical knowledge on the basics of pedagogical management in accordance with modern requirements; - the skills of designing and analyzing the management of the holistic pedagogical process of the school. - research skills; - pedagogical communication skills; - skills of organizing subject-subject interaction of all participants in the pedagogical process; <p>the skills of applying the acquired knowledge during the period of professional practice, as well as in solving professional tasks; be flexible and mobile in various conditions and situations related to the activities of the management of the CPP.</p>
2	Theory and methods of up growing work		<p>To know:</p> <ul style="list-style-type: none"> - the essence, goals and objectives of educational work in school and classroom; - the modern concept of education in the Republic of Kazakhstan and the educational system of schools and classes; - the system and activities of the class teacher; - forms and methods of pedagogical interaction and cooperation of subjects of the educational process-teachers, students, parents; - patterns of development and methods of forming a children's team; - forms, methods, means and techniques of educational work in various directions, - modern technology of education; - diagnostics of the results of educational work. <p>Be able to:</p> <ul style="list-style-type: none"> - to model, plan and carry out 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 the types of education taking into account its goals and objectives, as well as the age and individual characteristics of

			<p>the pupils;</p> <ul style="list-style-type: none"> - variatively apply methods and techniques of education, select and use means, organizational forms of education; - to carry out pedagogical guidance and management of the process of forming a class team and organizing its activities; - organize class hours, CTD and educational events of various directions; - to choose and use innovative technologies of education, including technologies of re-education of difficult children; - choose forms of effective cooperation with parents; - organize work with gifted children; - plan, organize and conduct career guidance work in the classroom and school; - to study the effectiveness of the educational process and methodically ensure it.
2	Inclusive education		<p>To know:</p> <ul style="list-style-type: none"> - The Law of the Republic of Kazakhstan "On social and medical-pedagogical correctional support for children with disabilities"; other international and republican legal and by-laws regulating the activities of general education organizations operating in inclusive education; - the essence, content, structure of educational processes and systems, pedagogical technologies and innovative processes in the field of inclusive education; - the main directions and prospects for the development of inclusive education and pedagogical science; - the essence and specifics of the professional activity of teachers of general education organizations and teachers-defectologists in the process of inclusive education; - concepts of psychological and pedagogical assistance and systems of correctional and pedagogical influence. <p>Be able to:</p> <ul style="list-style-type: none"> - to find, analyze and systematize information on the organization of inclusive education; - to use in professional activity the main international and domestic documents on the rights of the child and the rights of persons with disabilities to receive a quality education; - design work to inform the public about the problems of

			<p>education of persons with disabilities;</p> <ul style="list-style-type: none"> - to design the directions of correctional and pedagogical influence in the conditions of inclusive education, depending on the type of impaired development, the needs of the child, learning conditions, resources of the locality; - to organize and provide optimal socio-environmental and educational (professional) conditions for children with disabilities in general education organizations.
3	Professional Russian (Kazakh) language		<p>Know:</p> <ul style="list-style-type: none"> - professional vocabulary and terminology; - the specifics of oral communication in the professional field; - linguistic features of oral and written communication; - features of business communication and business etiquette. <p>Be able to:</p> <ul style="list-style-type: none"> - use the Russian language in interpersonal communication and professional activities; - to carry out business communication and conduct business conversations on professional topics; - to make out and transfer the necessary information in writing; - explain your point of view and critically evaluate the provisions put forward; - create your own statements, essays, etc. - apply business etiquette in speech. <p>Own:</p> <ul style="list-style-type: none"> - skills of expressing one's thoughts and opinions in interpersonal and business communication in Russian; - professional terms and concepts; - analysis of professional text; - information competence: the ability to work with a book, textbook, reference literature, dictionaries, find the necessary information.
3	Professionally oriented foreign language		<p>Know:</p> <ul style="list-style-type: none"> - lexical material on the topics of this discipline; - regulatory requirements for registration (official letter, essay, etc.); - improve pronunciation skills; - develop productive and receptive lexical and grammatical skills;

			<p>-to improve the skills of dialogic speech of a general nature associated with situations of everyday and professional communication;</p> <p>- develop listening skills (with a full understanding of what they heard);</p> <p>- develop and improve writing skills;</p> <p>- improve the skills of introductory, studying, viewing and search reading.</p> <p>be able to:</p> <p>-automate the technical skills of reading to oneself;</p> <p>– develop the ability to transfer scientific information and literature of a socio-political nature;</p> <p>– develop the skills of monologue (prepared) speech - the deployment of the thesis;</p> <p>– master reversed reading aloud of the prepared message;</p> <p>- teach referencing skills.</p> <p>Own:</p> <p>- complexity in solving practical, educational, educational and developmental goals (at the same time, practical goals act as leading ones);- communicative orientation of the</p>
4	Bases of modern kazakh (russian) language		<p>To know the subject, tasks, principles and methods of studying the discipline, sections of the modern Kazakh (Russian) language (phonetics, lexicology, word formation, morphology, syntax, speech culture).</p> <p>To be able to operate with the concepts of the modern Kazakh (Russian) language, to use competently in oral and written speech.</p>
2	Pedagogical skills and methods of application of modern educational technologies		<p>To know: theoretical and practical foundations of the pedagogical profession, components of pedagogical skills, fundamentals of pedagogical technique, ethics, communication;</p> <p>Possess: 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;</p>
3	Methodsofeducationmathematics		<p>This discipline examines 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, as well as the propaedeutics of algebra and geometry for continuing education at the level of basic secondary</p>

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		
M.1 Modern history of Kazakhstan	Modern history of Kazakhstan	OK OOD	1	5	GA	5
M.2 Basics of linguistic training	Foreign language	OK OOD	1,2	5	Exam	10
	Kazakh (russian) language	OK OOD	1,2	5	Exam	10
	Bases of modern kazakh (russian) language	VK PD	4	5	Exam	5
M.3 Fundamentals of the teaching profession	1. Pedagogy	VKBD	1	5	Exam	7
	2. Teaching practice: Introduction into pedagogical activity	VKBD	2	2	Practice	
M.4 Socio-political and economic-legal, natural knowledge	Philosophy	OK OOD	3	5	Exam	18
	Sociology	OK OOD	1	2	Exam	
	Political science	OK OOD	2	2	Exam	
	Culturology	OK OOD	1	2	Exam	
	Psychology	OK OOD	2	2	Exam	
	1. Fundamentals of market economy and entrepreneurship	KB OOD	2	3	Exam	
	1. Fundamentals of law and anti-corruption culture	KB OOD	2	2	Exam	
M.5 Functional literacy	Information communication technology (in english lang.)	OK OOD	2	5	Exam	5
M. 6 Psychological aspects of personality development	1. Psychology and development of human	VK BD	1	4	Exam	7
	2. Age physiology and school hygiene	VKBD	2	3	Exam	

M.7 Physical culture	Physical culture	OK OOD	1-4	8	Differential credit	8
M. 8 Psychological foundations of the study of the personality of a younger student	1.Pedagogical-psychological practice	VKBD	4	2	Practice	14
	1.Psychology of elementary school students 2.The child's readiness for schooling	KVBD	3	6	Exam	
	1.Psychological pedagogical diagnostics of elementary schools students 2.Methods of scientific research in psychology	KVBD	3	6	Exam	
M. 9 Department of Education	1. Management of education	VKBD	3	3	Exam	15
	2. Theory and methods of up growing work	VKBD	3	3	Exam	
	3. Inclusive education	VKBD	4	3	Exam	
	Education pedagogical practice	VK PD	5	6	Practice	
M. 10 Self-knowledge	1.Self-knowledge and methods of teaching self-knowledge 1. Methods of active social and pedagogical education	KVBD	4	5	Exam	5
M. 11 Psychological and pedagogical features of working with younger school children	1. Defectology 1.Bases of speech therapy	KVBD	4	5	Exam	14
	1.The content of the work of a primary school teacher with children with special educational needs 1.Correctional pedagogy	KVBD	5	4	Exam	
	1.Psychological and pedagogical bases of teaching and upbringing of primary school children 1.Pedagogy of primary school	KVPD	6	5	Exam	
M12 Fundamentals of psychological competence	1.Fundamentals of Psychological Competence 2.Fundamentals of Psychological Competence	KVBD	3	5	Exam	5
M. 13 Professional languages	1. Professional Kazakh (Russian) language	VKBD	5	3	Exam	

	2. Professionally-oriented foreign language	VKBD	6	3	Exam	6
M 14 Private methods	1. Pedagogical skills and methods of application of modern educational technologies	VK PD	4	5	Exam	53
	1. Information Technology in Education 2. Digital Educational Technology	KVBD	5	5	Exam	
	1. Methods of education mathematics	VK PD	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	KVBD	5	3	Exam	
	1. Theory and technology of studying writing skills 2. History of learning calligraphy	KVPD	4	3	Exam	
	1. Criteria-based assessment technology and methods of teaching literary reading 2. Children's literature	KVPD	5	4	Exam	
	1. The technology of criteria-based assessment and methods of teaching natural science 2. Methods of teaching knowledge of the world	KVPD	6	5	Exam	
	1. Vocal-choral education 2. Theory and methodology of musical art	KVPD	7	5	Exam	
	1. Methodology of teaching «Artistic work» 2. Applications and plastilinographaya	KVPD	8	4	Exam	
	1. Theory and technology of visual aids 2. Theory and technology of art education	KVPD	8	4	Exam	
	2. Internship pedagogical practice	VK PD	8	10	Practice	
M.15 Social aspects of pedagogy	1. Social pedagogy 1. Self-determination and vocational guidance of students	KVBD	6	6	Exam	

	2.Etnopedagogy 2.Pedagogy in the formation of ethnic tolerance	KVBD	6	5	Exam	21
	3. Family pedagogy 3. Pedagogical consulting	KVBD	7	5	Exam	
	4. Working with underachieving children 4. Deviantology	KVBD	6	5	Exam	
M.16 Development of pedagogical science	1.Comparative pedagogy 1.Pedagogy of primary education in foreign countries	KVBD	7	5	Exam	10
	2.History of pedagogy 2. The development of pedagogical science in Kazakhstan	KVPD	7	5	Exam	
M. 17 Professional competence of the future teacher	1.Primary school teacher's communicative culture 1. Social psychological training	KVBD	7	5	Exam	5
M 18 Scientific and pedagogical research	1. Methods of scientific and pedagogical research 1. Theory and technology of pedagogical design	KVBD	7	5	Exam	5
M.19 Final certification	Writing and defense of diploma work (project) or preparation and submission of comprehensive exam		8	12	Thesis defense	12