

The list of academic disciplines of the university component

6B01 - Pedagogical sciences

(Code and classification of the field of education)

6B013 - Training of teachers without subject specialization

(Code and classification of the direction of training)

0113

(Code in the International Standard Classification of Education)

B003 - Pedagogy and methods of primary education

(Code and classification of the educational program group)

6B01301 - Pedagogy and Methodology of Primary Education

(Code and name of the educational program)

bachelor

(Level of preparation)

set of 2024

Developed

By the Academic Committee of the EP 6B01301 - Pedagogy and methods of primary education
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Reviewed

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Approved

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Bases of economics, law and ecological knowledge

Discipline cycle	General educational disciplines
Course	1
Credits count	5
Knowledge control form	Examination

Short description of discipline

The integrated discipline includes the main issues and principles in the field of fundamentals of law and anti-corruption culture, economics, entrepreneurship and leadership, ecology and life safety. Features of the use of regulatory legal acts, the ability to use the business, ethical, social, economic, entrepreneurial and environmental standards of society. Specifics of environmental-legal, economic, entrepreneurial relations, leadership qualities and principles of combating corruption.

Purpose of studying of the discipline

It consists in studying the basic patterns of the functioning of living organisms, the biosphere as a whole and the mechanisms of their sustainable development under the conditions of anthropogenic impact and emergency situations; in understanding the concept of corruption, the legitimacy of the fight against it, the content of the state penal policy; in the formation of students' basic fundamental stable knowledge on the basics of economic theory, in instilling the skills and abilities of economic thinking; in introducing students to the theory and practice of entrepreneurship, to the basics of creating their own business; in the formation of theoretical knowledge and practical skills for the development and improvement of leadership qualities.

Learning Outcomes

ON 1 Demonstrate socio-cultural, economic, legal, environmental knowledge, communication skills, apply information technology, taking into account modern trends in the development of society.

Learning outcomes by discipline

- 1) Analyzes the issues of safety and preservation of the natural environment as the most important priorities of life;*
- 2) Shows knowledge of the basics of environmental management and sustainable development, assesses the impact of man-made systems on the environment;*
- 3) Shows knowledge of the main regulatory legal acts of the Republic of Kazakhstan, their understanding and application;*
- 4) Demonstrates knowledge of the laws of the development of economic processes, clearly formulates his own position, finds and clearly sets out arguments in its defense;*
- 5) Is able to characterize the types of entrepreneurial activity and the entrepreneurial environment, draw up a business plan, create an entrepreneurial structure and organize its activities;*
- 6) Knows the fundamental provisions about the role of leadership in managing large and small social groups.*

Prerequisites

School course

Postrequisites

Basic and profile disciplines of the EP

Introduction to the teaching profession

Discipline cycle	Basic disciplines
Course	1
Credits count	3
Knowledge control form	Examination

Short description of discipline

The course is aimed at mastering the basics of the professional culture of a teacher, the development of the search for personal and professional self-development in the context of the updated content of secondary education of the Republic of Kazakhstan. The value attitude to the activity of the teacher and the development of their pedagogical competence is formed. Assumes knowledge of normative documentation, rights and duties of a teacher. During the course, students get acquainted with the basics of professional pedagogical activity.

Purpose of studying of the discipline

to form students' ideas about pedagogical specialties as a special socially significant sphere of human activity.

Learning Outcomes

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

ON 11 Conduct an analysis of pedagogical activity and use its results in the pedagogical process.

Learning outcomes by discipline

- 1. Knows the basic theoretical concepts of the subject*
- 2. Knows the basics of professional pedagogical activity*
- 3. Has knowledge of the social and humanitarian significance of the teacher's activities*

Prerequisites

School course

Postrequisites

Pedagogical practice (psychological and pedagogical)

Age psychology and physiology

Discipline cycle	Basic disciplines
Course	1
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course allows you to form an idea of human anatomy and physiology, the specifics and features of age-related development, the patterns of higher nervous activity and functional features of the human nervous system are considered. Forms students' systematic

understanding of mental and physiological development in ontogenesis, the main patterns of development and neoplasms of age, the most important mental features of the emerging personality of the child on the basis of taking into account psychophysiological norms.

Purpose of studying of the discipline

Formation of students` ideas about the diversity of approaches to the development of correct, scientific knowledge, mental and physiological development of a person in ontogenesis on the most important issues of psychology and physiological development in the aspect of cultural development. To equip students with theoretical and practical knowledge that contributes to strengthening their professional psychological, pedagogical and physiological training, in-depth study of the section of psychological and physiological knowledge.

Learning Outcomes

ON 2 Apply modern teaching technologies and criteria-based assessment, taking into account the individual, physiological and psychological characteristics of students

Learning outcomes by discipline

1. the formation of an understanding of the mental and physiological development of a person about different views on the most important issues of physiological development with psychology in the aspect of cultural development.
2. strengthens the professional psychological, pedagogical and physiological training of students.
3. equipping with theoretical and practical knowledge, contributing to the improvement of psychophysiological knowledge.

Prerequisites

School course

Postrequisites

Pedagogical practice (psychological and pedagogical)

Pedagogy

Discipline cycle	Basic disciplines
Course	1
Credits count	5
Knowledge control form	Examination

Short description of discipline

The content of the discipline is aimed at forming students` holistic understanding of the theoretical and methodological foundations of pedagogical science and the essence of professional pedagogical activity. Studying the course allows you to form the necessary knowledge about the content, principles, forms and methods of organizing a holistic pedagogical process in an educational environment. The study of the course forms the necessary competencies for the successful implementation of modern approaches in teaching and learning.

Purpose of studying of the discipline

Pedagogy as an academic discipline aims to form students` knowledge about the object and subject of pedagogy, its functions, categorical apparatus, methodology of science. The study of the course provides for the formation of the necessary competencies in the design and evaluation of the pedagogical process in the conditions of an educational institution. The content of the discipline topics allows you to acquire knowledge and skills in the selection and successful application of forms, means, methods of teaching and upbringing.

Learning Outcomes

ON 2 Apply modern teaching technologies and criteria-based assessment, taking into account the individual, physiological and psychological characteristics of students

Learning outcomes by discipline

ON2 Apply modern teaching technologies and criteria-based assessment, taking into account the individual, physiological and psychological characteristics of students.

1. Knows the basic concepts of the theory of the subject
2. Has knowledge in the system of pedagogical training and makes decisions taking into account the holistic pedagogical process
3. Applies the basic skills of the teacher`s profession

Prerequisites

School course

Postrequisites

Basic and profile disciplines of the EP

Educational practice

Discipline cycle	Basic disciplines
Course	1
Credits count	2
Knowledge control form	Total mark on practice

Short description of discipline

The educational practice program is aimed at developing the general cultural skills and abilities of students in accordance with the educational program, the acquisition by students of basic professional competencies, the initial stages of research activities, and business communication skills. During the practice, the student knows and understands the structure and content of state mandatory standards, standard discipline programs, gets acquainted with the organization of work in the multicultural environment of the organization.

Purpose of studying of the discipline

formation of professional qualities, skills and abilities of the future teacher, development of professional pedagogical competencies, deepening and consolidation of theoretical knowledge obtained at the university.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

Learning outcomes by discipline

1. Demonstrate theoretical knowledge in practice.

2. Own the methods of organizing. educational work

3. Apply training and education methods.

Prerequisites

Introduction to the teaching profession

Postrequisites

Pedagogical practice (psychological and pedagogical)

Ethnopedagogy

Discipline cycle	Basic disciplines
Course	1
Credits count	3
Knowledge control form	Examination

Short description of discipline

Reading the course forms a holistic view of the content, functions, types, main elements of popular culture and its pedagogical potential. Promotes the acquisition of skills in solving actual problems of education, taking into account the national traditions of Education, thoughts and practices of public education. Practical skills of using cultural elements and components of public education in working with children are formed.

Purpose of studying of the discipline

Formation of general professional competence and training pedal gineering student culture by developing their foundations ethnopedagogics.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 7 To apply in practice new methodological approaches of the holistic pedagogical process in the conditions of preschool education.

Learning outcomes by discipline

- 1. Know the basic concepts of the theory of the subject*
- 2. Possess basic knowledge of folk culture and its educational and educational potential*
- 3. Apply the basic skills of the teacher.*

Prerequisites

Introduction to the teaching profession

Postrequisites

Basic and profile disciplines of the EP

Inclusive education

Discipline cycle	Basic disciplines
Course	2
Credits count	3
Knowledge control form	Examination

Short description of discipline

When studying the discipline, students acquire knowledge about the principles and methodological foundations of inclusive education. Ideas are being formed about modern models of psychological and pedagogical support for children with special needs, the elimination of existing barriers in the legal support of inclusive education and the competence of organization and management in the area of inclusive practice. Get an idea about the models of psychological and pedagogical support for children with disabilities in educational institutions.

Purpose of studying of the discipline

The purpose of this discipline is to familiarize students with the basic provisions of the organization and management of inclusive processes in education; the formation of a dynamic, effective, self-improving specialist, ready for professional activity in an inclusive education, owning innovative technologies for building an educational route for all students, taking into account their individual needs and capabilities, able to provide social psychological and pedagogical support for children and their families.

Learning Outcomes

ON 2 Apply modern teaching technologies and criteria-based assessment, taking into account the individual, physiological and psychological characteristics of students

Learning outcomes by discipline

- 1. Scientific and practical ideas about the integration of children with disabilities are being formed.*
- 2. Acquainted with the methodological and managerial work of educational organizations in the context of inclusive practice.*
- 3. Understands the peculiarities of the education of children with disabilities in the educational process in inclusive educational organizations.*

Prerequisites

Pedagogy

Postrequisites

Basic and profile disciplines of the EP

World of Abai

Discipline cycle	Basic disciplines
Course	2
Credits count	3
Knowledge control form	Examination

Short description of discipline

The discipline is aimed at studying historical facts, the philosophical and artistic foundations of the works of Abay Kunanbaev, Shakarim Kudaiberdiev, which form worldview and aesthetic values, the student's ability to express his opinion, practical skills and perception of

such human qualities as morality, honesty, artistic character. The genius of the writers of Kazakh literature and the role of M. Auezov in the study and popularization of Abai's heritage, the significance of his works for history, literature and science are determined.

Purpose of studying of the discipline

Formation of the meaning of philosophical and ideological being, understanding of the problems raised in the works of Abai Kunanbayuly, Shakarim Kudaiberdiyev, Mukhtar Auezov and application of the acquired knowledge in the practice of everyday life.

Learning Outcomes

ON 1 Demonstrate socio-cultural, economic, legal, environmental knowledge, communication skills, apply information technology, taking into account modern trends in the development of society.

Learning outcomes by discipline

1) Analyzes the philosophical and artistic foundations of works, historical facts related to the creative heritage of Abai Kunanbayev, Shakarim Kudaiberdiyev, Mukhtar Auezov

2) Uses in practice the humanistic ideas of Abai's philosophical and artistic works

3) Assesses the place and significance of Abai's works in the history of literature and science

1) Analyzes the philosophical and artistic foundations of works, historical facts related to the creative heritage of Abai Kunanbayev, Shakarim Kudaiberdiyev, Mukhtar Auezov

2) Uses in practice the humanistic ideas of Abai's philosophical and artistic works

3) Assesses the place and significance of Abai's works in the history of literature and science

Prerequisites

The module of socio-political knowledge (sociology, political science, cultural studies, psychology)

Postrequisites

Basic and profile disciplines of the EP

Technology updated content of education and criterion assessment

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

In the course of studying the discipline, students get acquainted with new approaches to education, types of lesson planning. Owns the methods and techniques of criteria-based assessment of students' achievements. Gets acquainted and analyzes the methodological recommendations of the updated content of education. Learn to conduct a comparative analysis of assessment systems in different countries. The course is aimed at mastering the technology of criteria-based assessment by students and reveals the content of modern education.

Purpose of studying of the discipline

mastering the theory and technology of criteria-based assessment of educational results; formation of practical skills and skills of criteria-based assessment of educational results

Learning Outcomes

ON 2 Apply modern teaching technologies and criteria-based assessment, taking into account the individual, physiological and psychological characteristics of students

Learning outcomes by discipline

1. Analyze the content of modern education.

2. Study methods and techniques for assessing student performance.

3. Demonstrate knowledge of professional tasks.

Prerequisites

Pedagogy

Postrequisites

Basic and profile disciplines of the EP

Pedagogical practice

Discipline cycle	Basic disciplines
Course	2
Credits count	3
Knowledge control form	Total mark on practice

Short description of discipline

The program of pedagogical practice considers the features of the organization of educational and educational work in educational institutions within the framework of the updated content of education. The student acts as a specialist within the updated content of education, can design an educational process aimed at solving modern problems of a specific educational program. The acquired knowledge forms pedagogical abilities, as well as professionally significant qualities of the teacher's personality. The student will learn to use modern information resources and technologies.

Purpose of studying of the discipline

is the formation of professional pedagogical competencies related to the design and implementation of the educational process of teaching in the education system, providing conditions for social and professional adaptation of students, mastering the norms and values of the pedagogical profession, gaining experience in practical pedagogical activity, becoming a professional orientation of their personality.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 11 Conduct an analysis of pedagogical activity and use its results in the pedagogical process.

Learning outcomes by discipline

1. Demonstrate theoretical knowledge in practice.

2. Own methods of organization of pedagogical work.

3. Apply training and education methods.

Prerequisites

Pedagogy

Postrequisites

Teaching practice

Pedagogical practice (psychological and pedagogical)

Discipline cycle	Basic disciplines
Course	2
Credits count	2
Knowledge control form	Total mark on practice

Short description of discipline

The content of psychological and pedagogical practice is aimed at forming an idea about the peculiarities of the organization of the educational and pedagogical process and the management system in the holistic pedagogical process of the school. The student gets acquainted with all types and directions of the teacher's activities, including the system of work of the class teacher, observation during lessons and extracurricular activities, psychological and pedagogical diagnostics of the age characteristics of the development of students, conducts psychological and pedagogical educational work.

Purpose of studying of the discipline

The purpose of pedagogical practice is the formation of professional pedagogical competencies related to the design and implementation of the educational process of teaching in the education system, providing conditions for the social and professional adaptation of students, mastering the norms and values of the teaching profession, gaining experience in practical pedagogical activity, becoming a professional orientation of their personality

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 11 Conduct an analysis of pedagogical activity and use its results in the pedagogical process.

Learning outcomes by discipline

1. Demonstrate theoretical knowledge in practice.

2. Own methods of organization of psychological and pedagogical work.

3. Apply training and education methods.

Prerequisites

Pedagogy

Postrequisites

Teaching practice

Theory and methodology of natural science in primary school

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The content of the course is aimed at mastering theoretical knowledge in the field of the content of the theory and methodology of teaching natural science. The study of the discipline is aimed at mastering the skills of using visual aids, and the ability to develop them. As a result of mastering the discipline, students learn to plan and conduct classes in natural science, taking into account the basics of familiarization with objects of living and dead nature, organize observations, conduct walks, excursions, conduct experiments.

Purpose of studying of the discipline

to prepare the future teacher for teaching the subject of "Natural Science" in primary classes, according to the requirements of the State Educational Standard and the content of the subject.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

1) to know about the variability of pedagogical systems and the diversity of modern programs in the study of natural sciences at the beginning of primary school;

2) be able to design work and additional programs for the course of natural sciences in primary school

3) possess the skills of organizing research activities of primary school students in the process of mastering the surrounding world

Prerequisites

Pedagogy Theory and methodology of educational work in primary school

Postrequisites

Teaching practice

Theory and methodology of music in primary school

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The content of the course "Theory and methodology of music in elementary grades" is aimed at studying the theory and practice of organizing training and developing creative educational activities of primary school children. During the study of this course, students will get acquainted with the theory of activity-based musical and aesthetic education. The means, principles, methods and forms of organization of educational work with creative activity of schoolchildren are studied.

Purpose of studying of the discipline

formation of musical and pedagogical culture of primary school teachers, preparation for musical and educational activities with students in secondary schools

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

1. Knows the basic terms and concepts of musical education
2. Owns methods, forms and means of organizing music education
3. Demonstrates the skills of conducting music classes in educational organizations

Prerequisites

Pedagogy Theory and methodology of educational work in primary school

Postrequisites

Teaching practice

Theory and methodology of teaching physical culture in primary school

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline reveals the methodological foundations of the school course on physical culture of primary school students. Examines the basics of the organization of physical education and the patterns of formation of the structure of the motor action of a younger student. The technology of planning and regulation of the educational process is being studied. The aspects of the organization and conduct of physical education lessons, taking into account age characteristics, are explained. The basics of pedagogical technologies for physical culture and preventive work in physical education in grades 1-4 are given.

Purpose of studying of the discipline

to provide a deep theoretical understanding of the basics of physical education and sports and to instill the ability to implement the basics of theoretical and methodological provisions in the professional activity of a teacher of physical culture and sports

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

1. Knows the physiological foundations of mental functions, individual typological features in ontogenesis and the health-saving potential of the pedagogical process of an educational institution
2. Diagnose the level of psychophysical and sensorimotor development of children
3. To use the knowledge of anatomy, physiology and health-saving technologies for the rational organization of the learning and upbringing process, an individual approach in teaching, educating and preserving the health of students, including children with special needs
4. Have the skills to fulfill sanitary and epidemiological requirements in the organization of the pedagogical process

Prerequisites

Pedagogy Theory and methodology of educational work in primary school

Postrequisites

Pedagogical practice

Theory and methodology of cognition of the world in elementary grades

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

During the course, the student should develop theoretical, methodological, practical and research skills. Have the skills of assessing the fundamental knowledge of children. Development and analysis of summaries of various forms of work with students in accordance with methodological requirements. Organize and manage various forms of work in getting acquainted with the knowledge of the world.

Purpose of studying of the discipline

formation of professional competencies in the theory and methodology of teaching the course "Knowledge of the world" in elementary school.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

1) to know about the variability of pedagogical systems and the diversity of modern programs in the study of natural sciences at the beginning of primary school;

2) be able to design work and additional programs for the course of natural sciences in primary school

3) possess the skills of organizing research activities of primary school students in the process of mastering the surrounding world

Prerequisites

Pedagogy Theory and methodology of educational work in primary school

Postrequisites

Teaching practice

Theory and methodology of mathematics in primary school

Discipline cycle	Basic disciplines
Course	3
Credits count	8
Knowledge control form	Examination

Short description of discipline

The subject of mathematics teaching methodology, first of all, reveals the content and structure of the course and teaches how to organize the learning process. Introduces the technology of teaching elements of algebra and geometry for elementary school, learning to solve problems, methods and teaching aids. In the course of studying the course, technologies for organizing the activities of students in extracurricular activities in mathematics are considered.

Purpose of studying of the discipline

students` mastery of the methodology and methodology of modern approaches to teaching mathematics in elementary school.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

1. Know:basic concepts, techniques and methods of teaching mathematics; educational programs and curricula at the level that meets the accepted state standards of education; the content of the school mathematics course; formulations and proofs of statements, methods of their proof at the primary school course level; possible interdisciplinary connections and applications in practice;

2. Be able to prove the statements of the school mathematics course; make algorithms and programs for solving problems;

3. Be able to design and develop standard activities related to teaching, consultations, certification activities; apply the acquired skills in practice;

4. Possess modern educational technologies to choose the optimal teaching strategy depending on the level of training of trainees and learning goals, testing apparatus to assess student performance.

Prerequisites

Pedagogy Theory and methodology of educational work in primary school

Postrequisites

Teaching practice

Theory and methodology of teaching Kazakh (Russian) language in elementary school

Discipline cycle	Basic disciplines
Course	3
Credits count	8
Knowledge control form	Examination

Short description of discipline

During the course, students learn about the main features of the Kazakh (Russian) learning process in theoretical and practical terms. They become familiar with the ways in which language teaching methods are formed and developed. They learn the methodology for teaching the different levels of the Kazakh (Russian) language course for primary schools, including methods for teaching literacy, language development, phonetics, vocabulary and grammar. Practical skills necessary for elementary school teachers are also developed.

Purpose of studying of the discipline

To help students successfully learn and practice the Kazakh (Russian) language, which will contribute to improving their communicative competence and the formation of a competitive primary school teacher.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

To understand the theoretical basis of the methodology for teaching the Kazakh (Russian) language, He is able to use various methodological approaches in the learning process, and he is able to create and plan lessons considering the age and individual needs of students.

Prerequisites

Pedagogical skills Theory and methodology of educational work in primary school

Postrequisites

Teaching practice

Teaching practice

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Total mark on practice

Short description of discipline

The program of pedagogical practice considers the features of the organization of educational and educational work in educational institutions within the framework of the updated content of education. The student acts as a specialist within the updated content of education, can design an educational process aimed at solving modern problems of a specific educational program. The acquired knowledge forms pedagogical abilities, as well as professionally significant qualities of the teacher's personality. The student will learn to use modern information resources and technologies.

Purpose of studying of the discipline

formation of professional pedagogical competencies related to the design and implementation of the educational process of teaching in the education system, providing conditions for social and professional adaptation of students, mastering the norms and values of the pedagogical profession, gaining experience in practical pedagogical activity, the formation of professional orientation of their personality.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 5 Apply the content, methods and forms of developmental and correctional work with children of primary school age.

ON 6 To carry out pedagogical interaction with parents, to apply the skills of integrated knowledge from various subject areas in solving pedagogical problems.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

ON 11 Conduct an analysis of pedagogical activity and use its results in the pedagogical process.

Learning outcomes by discipline

1. Understand the specifics of the organization of educational, extracurricular, educational work within the framework of the updated content of education on the subject in an educational institution;

2. To reproduce the activity of the teacher / educator: on the organization of independent, differentiated, individual work of students / pupils in the classroom in the conditions of pedagogical practice; on the criterion assessment of the expected educational achievements of students, pupils; on the organization of collaborative learning, the creation of a collaborative learning environment;

3. To carry out activities as a subject teacher within the framework of the updated content of education;

4. To design an educational process focused on solving modern problems of a specific educational program;

5. To introduce integrative knowledge of pedagogy, psychology and private methods into the educational process;

6. To predict the results of professional and pedagogical activity;

7. Create didactic materials using modern information resources and technologies;

8. Work with children with special educational needs;

9. To adjust the programs of self-education and professional and personal self-development;

10. To develop pedagogical abilities (expressive- speech, didactic, suggestive, perceptual, etc.), as well as professionally significant qualities of the teacher's personality.

Prerequisites

Teaching practice

Postrequisites

Basic and profile disciplines of the EP

Theory and methodology of literary reading

Discipline cycle	Basic disciplines
Course	3
Credits count	6
Knowledge control form	Examination

Short description of discipline

The content of the discipline reveals the essential characteristic of teaching the basics of literary reading. In the course of studying the course, students get acquainted with the methodology of work on the formation of skills and abilities in the process of working on a work in the lessons of literary reading. Students studying the discipline master the techniques of teaching reading, and also learn to analyze theoretical concepts and texts in literary reading textbooks. Studying this course, the student gets acquainted with the methods, techniques, techniques of teaching literature.

Purpose of studying of the discipline

students' mastering of the content and methods of teaching reading and literature in primary school.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

1. Owns the theory and methodology of literary criticism

2. Is able to conduct literary analysis depending on age.

3. To teach the specifics of works of art.

Prerequisites

Pedagogy Theory and methodology of educational work in primary school

Postrequisites

Teaching practice

Theory and methodology of artistic work in primary school

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The subject consists of a course of lectures on the methods of teaching art work in primary classes and practical classes to consolidate theoretical knowledge on working with various materials at school. The knowledge and skills gained during the lesson allow students to create creative works in various fields of work. The discipline also teaches students to analyze aspects of labor education of the younger generation in the field of pedagogical and art education.

Purpose of studying of the discipline

training of a highly qualified specialist capable of raising their own level of aesthetic culture and learning the methods of education and training of primary school children by means of fine arts, artistic work in the process of learning according to the updated training program.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 9 Develop and implement new integrated approaches in teaching private methods.

ON 10 Possess the skills of analyzing normative and legal documents in primary education and independently search and select the necessary information on topical issues of primary education.

Learning outcomes by discipline

- uses the acquired theoretical and practical knowledge to conduct creative lessons on artistic work in elementary school;*
- applies theoretical knowledge in practice, taking into account the deepening and enrichment, the identification of essential features available to this age of schoolchildren, concepts of various disciplines of primary school;*
- demonstrates knowledge in the field of the history of world and domestic art;*
- applies techniques for the development of artistic abilities during the lesson;*
- creative abilities of children of primary school age within the updated content of education;*
- applies the methodology of organizing the labor and visual activities of children in the classroom and independent artistic activities outside of school hours;*
- uses the methodological foundations of an integrated approach, the conditions for deepening the relationships and interdependencies between subjects studied in primary school.*

Prerequisites

Pedagogy Theory and methodology of educational work in primary school

Postrequisites

Teaching practice

The logical foundations of mathematics in elementary grades

Discipline cycle	Profiling discipline
Course	3
Credits count	8
Knowledge control form	Examination

Short description of discipline

The course examines the knowledge, skills and abilities formed in the process of studying the subject of mathematics in elementary school. The course is aimed at studying methods of mathematical information processing, theoretical and experimental research. The course allows future teachers to equip themselves to apply knowledge of the theoretical foundations of primary mathematical education, including using methods of developing imaginative, logical thinking, developing an interest in mathematics and the desire to use mathematical knowledge in everyday life.

Purpose of studying of the discipline

The purpose of studying the logical foundations of mathematics in primary school for student teachers is to prepare them for effective and high-quality education of children, the development of their logical thinking and mathematical literacy.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 11 Conduct an analysis of pedagogical activity and use its results in the pedagogical process.

Learning outcomes by discipline

- 1. Students master the basic logical concepts and principles that are necessary for teaching mathematics in elementary school.*
 - 2. They are able to explain and demonstrate the basic logical operations and their application in mathematics.*
 - 3. Develop and apply effective methods and strategies for teaching children the logical foundations of mathematics.*
 - 4. They are able to assess the level of logical thinking and mathematical literacy of children using various methods and tools.*
- 1. Students master the basic logical concepts and principles that are necessary for teaching mathematics in elementary school.*
 - 2. They are able to explain and demonstrate the basic logical operations and their application in mathematics.*
 - 3. Develop and apply effective methods and strategies for teaching children the logical foundations of mathematics.*
 - 4. They are able to assess the level of logical thinking and mathematical literacy of children using various methods and tools.*

Prerequisites

School course

Postrequisites

Application of mathematical methods in pedagogical research Theory and methodology of mathematics in primary school

Children`s Literature

Discipline cycle	Basic disciplines
Course	4
Credits count	3
Knowledge control form	Examination

Short description of discipline

The course is aimed at developing communication skills based on reading and analyzing children`s fiction. During the course, students will study children`s literature as a separate part of fiction, discuss main genres and trends in modern Kazakh / Russian / English literature, concepts of literary and linguistic text analysis to develop critical thinking.

Purpose of studying of the discipline

the formation of students` universal and general professional competencies in accordance with the State Educational Standards, involving the formation of students` holistic view of children`s literature as a historical and literary phenomenon, the study of the work of outstanding domestic and foreign children`s writers, and writers of the circle of children`s reading, the expansion of students` ideas about the development of genre forms in literature for children, the assimilation of the basic provisions of the art of artistic reading and improving the skills of expressiveness of speech.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 4 Demonstrate professional knowledge in the field of continuity of modern preschool and primary education in the aspect of readiness of older preschoolers to school conditions.

ON 6 To carry out pedagogical interaction with parents, to apply the skills of integrated knowledge from various subject areas in solving pedagogical problems.

Learning outcomes by discipline

Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

Demonstrate professional knowledge in the field of continuity of modern preschool and primary education in the aspect of readiness of older preschoolers to school conditions.

To carry out pedagogical interaction with parents, to apply the skills of integrated knowledge from various subject areas in solving pedagogical problems.

1. Demonstrates knowledge of children`s literature;
2. Teaches children how to master the work;
3. Apply the acquired knowledge in practice.

Prerequisites

School course

Postrequisites

Manufacturing practice (Pedagogical)

Practical training in mathematics

Discipline cycle	Profiling discipline
Course	4
Credits count	8
Knowledge control form	Examination

Short description of discipline

The study of this discipline is a continuous test of real knowledge, practical skills of future teachers-students teaching mathematics, and assistance to their pedagogical and professional development. Formation of students` problem solving skills on the topic: transformation of rational and irrational expressions; construction of exponential-logarithmic expressions; proof and solution of inequalities; solution of equations and systems of equations, transformation of trigonometric expressions.

Purpose of studying of the discipline

formation of a system of knowledge, skills and abilities necessary for teaching younger schoolchildren to solve text problems in future primary school teachers.

Learning Outcomes

ON 3 Use and generate acquired practical and theoretical knowledge in the field of pedagogical activity.

ON 8 Demonstration of systematic skills in the use of modern and innovative technologies in the pedagogical process.

ON 11 Conduct an analysis of pedagogical activity and use its results in the pedagogical process.

Learning outcomes by discipline

1. The systems of tasks on each topic in the current textbooks and textbooks on mathematics are analyzed in detail.
2. Methods of solving problems are considered;
3. Training, fixing and controlling systems of mathematical problems are being developed.

Prerequisites

Basic and profile disciplines of the EP Pedagogy

Postrequisites

Manufacturing practice (Pedagogical)