

## CATALOG OF ELECTIVE DISCIPLINES

**7M01 - Pedagogical sciences**

(Code and classification of the field of education)

**7M013 - Teacher training without subject specialisation**

(Code and classification of the direction of training)

**0113**

(Code in the International Standard Classification of Education)

**M003 - Training of teachers without subject specialization**

(Code and classification of the educational program group)

**7M01301 - Pedagogy and methodology of primary education**

(Code and name of the educational program)

**Master**

(Level of preparation)

**set of 2023**

**Developed**

By the Academic Committee of the OP  
Head of AK Tlemisov U.B.  
Manager of OP Zhilgildinova M.Zh.

**Reviewed**

At the meeting of the Commission on Quality Assurance of the Faculty of Humanities and Economics  
Recommended for approval by the Academic Council of the University  
Protocol No. 4a " 05 " April 2023  
Chairman of the Commission Abisheva Sh.Sh.

**Approved**

at a meeting of the Academic Council of the University  
Minutes No. 5 « 21 » april, 2023  
Chairman of the Academic Council Оралканова И.А.

## The genesis of the purposes of education in history of education

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

### Short description of discipline

*In the process of studying the discipline, students will get an idea of the historical prerequisites for the emergence of education. The content of the discipline studies the knowledge accumulated by great teachers who conducted research in the activities of upbringing and development of children in the history of the emergence of the education system. Data on the extent to which heredity and education and upbringing affect the development of a child are provided by evidence. Thus, realizing the importance of teaching and raising a child, the student turns out to be professionally competent.*

### Purpose of studying of the discipline

*The purpose of the course is to master the world historical and pedagogical process, the laws of its development in the unity of the theory and practice of education, education and training among different peoples in specific historical forms from ancient times to the present. The content of the course is aimed at identifying objective trends in the interpenetration and mutual enrichment of national cultures and the experience of education among the peoples of the world.*

### Learning Outcomes

*ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.*

*ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.*

*ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.*

### Learning outcomes by discipline

- 1. Have an idea of the history of the formation of the preschool education system.*
- 2. Get acquainted with the accumulated knowledge of the great teachers who conducted the research.*
- 3. Learns about heredity and the importance of education and upbringing.*

### Prerequisites

*Bachelor*

### Postrequisites

*Monitoring and examination of the quality of education*

## Integration processes in world education

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

### Short description of discipline

*The discipline expands knowledge in the field of modern education, gives the skills to master the latest learning technologies. Mastering new technologies has a positive effect on the formation of intellectual, professional, spiritual, civic and many other human abilities of a teacher. The study of the discipline helps the student in self-development and effective organization of the educational process. The content of the course provides an introduction to the process of integration in world education, which provides a mechanism for the implementation of pedagogical technologies, creative activities for self-development.*

### Purpose of studying of the discipline

*the formation of the theoretical concept of integration of education as a phenomenon that determines the organization and functioning of various educational systems.*

### Learning Outcomes

*ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.*

*ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.*

*ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.*

### Learning outcomes by discipline

*Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.*

*Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.*

*Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.*

- 1. Mastering integration processes in World Education.*
- 2. analysis and understanding of the reality of modern theory and practice of Education based on the methodology of historical and philosophical knowledge, science and social and humanitarian Sciences.*
- 3. be able to analyze modern trends in the development of pedagogical science, teach the organization of educational activities.*

### Prerequisites

*Bachelor*

### Postrequisites

*Monitoring and examination of the quality of education*

## History of development of education and pedagogical science in Kazakhstan and in the world educational space

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

### Short description of discipline

The features of the educational process, the content of education, methods, and technologies in the global educational space and at various stages of social development in Kazakhstan are considered. Description and development of various types of educational institutions, educational programs taking into account the needs of education. The paradigm of education at the international level is the provision of all special knowledge and skills, the formation of professional pedagogical knowledge about the world and in matters of upbringing and education.

### Purpose of studying of the discipline

to equip the master's student with deep comprehensive knowledge and skills on the history of the development of educational pedagogical thought in Kazakhstan and the world, the formation of professional pedagogical knowledge on education and education in various historical periods in the world and Kazakhstan, the formation of pedagogical thinking and worldview that ensures the development of their historical approach to pedagogical phenomena.

### Learning Outcomes

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

### Learning outcomes by discipline

1. Mastering the features of the educational process in the world educational space and at various stages of social development in Kazakhstan.

2. the technology of the methodology of the content of ballooning education is considered.

3. the paradigm of international level education is mastered in the learning process.

### Prerequisites

Bachelor

### Postrequisites

Monitoring and examination of the quality of education

## Axiology of modern education

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

### Short description of discipline

The course introduces undergraduates to the main stages in the development of axiology in modern education, examines the varieties of modern axiological concepts. – Assumes the ability to analyze philosophical texts; to guide undergraduates in the main approaches to solving axiological problems in the modern problematic field of humanitarian knowledge. Undergraduates master the terminological apparatus of axiology, as well as the skills of logically correct and consistent presentation of their thoughts through the prism of self-consciousness.

### Purpose of studying of the discipline

formation of professional competence (personal culture) of undergraduates, expressed in readiness for practical solutions to problems related to

the axiological foundations of human life and society, to form undergraduates' general ideas about the process of forming ethical norms and value orientations of modern youth.

### Learning Outcomes

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON7 To improve personal and moral qualities and positions necessary in future professional activity.

### Learning outcomes by discipline

1. Know the history of the emergence of the theory of values, its connection with philosophical, cultural, sociological, pedagogical, psychological and pedagogical theories in the context of the historical process;

2. Be able to analyze and evaluate theoretical literature in the axiological aspect;

3. Determine their own value position in the educational process;

4. Own approaches to determining the risks and limits of the application of pedagogical strategies.

### Prerequisites

Bachelor

### Postrequisites

The research work of a student, including an internship and the implementation of a master's thesis

## Methodology and methods of scientific and pedagogical research

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

### Short description of discipline

Course "Methodology and methods of scientific research" methodology of scientific research. Considers readiness to interact with participants in the educational process and social partners. The discipline is aimed at the ability of undergraduates to independently master and use new research methods, new areas of professional activity. The course is also aimed at the ability to select information resources and form a theoretical and practical basis for the implementation of the practical activities of a specialist.

### **Purpose of studying of the discipline**

to promote the development of a culture of scientific research among students. skills to apply theoretical knowledge in practice

### **Learning Outcomes**

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

### **Learning outcomes by discipline**

1. Know the features of modern research strategies in the field of pedagogy;
2. Are able to determine strategies for the implementation of personal research interests;
3. To own variable technologies of research activity.

### **Prerequisites**

Bachelor

### **Postrequisites**

The research work of a student, including an internship and the implementation of a master s thesis I

## **Modern educational concepts**

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

### **Short description of discipline**

The course studies the knowledge of preparing for educational and educational activities as the head of a vocational educational institution. The discipline establishes traditional and innovative educational technologies in the learning process. Analyzes the development of vocational education in the countries of the European Union, the USA, and China. It involves working with educational and methodological literature, periodicals to study the materials of the activities of vocational education organizations both in Kazakhstan and abroad. Orients the undergraduate to the issues of interaction between the educational services market and the labor market.

### **Purpose of studying of the discipline**

formation of professional competencies of students in the field of professional and pedagogical activity.

### **Learning Outcomes**

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON7 To improve personal and moral qualities and positions necessary in future professional activity.

ON8 Interpret the system of modern innovative technologies in teaching pedagogical disciplines, applying fundamental research and scientific and practical innovative developments.

### **Learning outcomes by discipline**

1. Know the laws and principles of the organization of the educational process; -inform about the content and types of pedagogical methods and means, the features of the application of innovative pedagogical technologies of education and training.
2. Be able to analyze educational processes and the results of pedagogical activity in various situations;
3. Own ways of designing, implementing, evaluating, and correcting training and education.

### **Prerequisites**

Bachelor

### **Postrequisites**

The research work of a student, including an internship and the implementation of a master s thesis I

## **Cross-cultural management**

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

### **Short description of discipline**

The course experimental and cross-cultural studies examines new subject areas of psychological and pedagogical research.. The training of a specialist in the field of cross-cultural management of modern psychological and pedagogical research is very relevant and promising due to the increased need for highly qualified specialists in the field of intercultural communication, promptly considering the problems of interaction of people in various cultural and ethnic communities.

### **Purpose of studying of the discipline**

cross-cultural interaction, about the nature of business culture, its connection with the main constants and variables of culture, its influence on the prevailing management model; the development of ideas about the existing differences in the organization of economic life and business behavior of different peoples, as well as about the forms and methods of personnel management of multinational companies, organizations, projects.

### **Learning Outcomes**

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

### **Learning outcomes by discipline**

1. Able to understand what influences adult success

2. Has the skills to develop effective methods to achieve the necessary conditions

3. Knows how to give recommendations for effective self-realization

### **Prerequisites**

Bachelor

### **Postrequisites**

Theory and methods of teaching pedagogical disciplines Management of innovative processes in education

## **Modern educational technologies**

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

### **Short description of discipline**

The course includes a process system of joint activities of students and a teacher for orientation and correction, organization of planning in the educational process in order to achieve concrete results to ensure comfortable conditions for students in modern educational technology. For active cognitive and creative realization in the educational process, educational technologies are used to improve the quality of education, reduce the reproductive activity of students.

### **Purpose of studying of the discipline**

the formation of theoretical and practical knowledge, skills and abilities to solve educational problems of professional pedagogical activity; scientific and methodological activities in the field of pedagogical sciences, including using information and communication technologies

### **Learning Outcomes**

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON7 To improve personal and moral qualities and positions necessary in future professional activity.

ON8 Interpret the system of modern innovative technologies in teaching pedagogical disciplines, applying fundamental research and scientific and practical innovative developments.

### **Learning outcomes by discipline**

1. Knows the theory and practice of teaching technology.

2. Reproducibility implies the possibility of reproduction, transfer and borrowing of technology by other teachers.

3. Studies diagnostic processes, including indicators, means of measuring results

### **Prerequisites**

Bachelor

### **Postrequisites**

Theory and methods of teaching pedagogical disciplines Management of innovative processes in education

## **Management of innovative processes in education**

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

### **Short description of discipline**

Discipline as a pedagogical system considers the features of school management, the organization of work at a high level of innovative management in education. The course introduces students to the problem of studying, accumulating and disseminating best management practices and putting into practice the achievements of psychological and pedagogical sciences. Reveals the content of technology, methods and techniques for managing innovative processes in the modern education system. Introduces the content, purpose and objectives. Describes in detail the features of pedagogical technology and pedagogical design. On the basis of mastering pedagogical technologies, students master the development of innovative opportunities.

### **Purpose of studying of the discipline**

coverage of theoretical and applied aspects of the development of innovative processes in education;

- formation of undergraduates' readiness for innovative activities in the system of pedagogical education. analysis and design of innovative pedagogical systems and determination of their effectiveness.

### **Learning Outcomes**

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

### **Learning outcomes by discipline**

1. Increases the motivation of teachers, students and parents to achieve high results;

2. Allows you to determine the dynamics of the development of students' skills over a certain period of time;

3. Contributes to the creation of conditions for the formation of the foundations of Qualimetric competence.

### **Prerequisites**

Bachelor

### **Postrequisites**

Theory and methods of teaching pedagogical disciplines Management of innovative processes in education

## **Monitoring and examination of the quality of education**

Discipline cycle	Profiling discipline
Course	1

Credits count	5
Knowledge control form	Examination

### Short description of discipline

The content of the course focuses on the concept of monitoring and examination of the quality of primary education, improving the system of monitoring and evaluation of learning outcomes in secondary schools, a set of psychological and pedagogical indicators for monitoring primary education, types and characteristics of monitoring and examination, research methods. The problem of the participation of teachers and school administration in the study is considered in detail, which will provide reliable information about the results and the quality of updating didactic manuals.

### Purpose of studying of the discipline

The goal is to form the general professional competence of undergraduates through reflection on the origins, essence, promising areas and problems of quality monitoring in the field of education and educational services.

### Learning Outcomes

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON6 Possess knowledge of regulatory and legal documents in the field of education, instructional documentation, skills and abilities to develop current educational and organizational documentation (didactic, control and measurement).

### Learning outcomes by discipline

1. Can check learning outcomes,
2. Possess research methods of monitoring,
3. Participation of teachers and school administration in conducting monitoring studies.

### Prerequisites

Bachelor

### Postrequisites

Management of innovative processes in education Pedagogical bases of project activity in primary school Professional competence of the education manager

## Formation of the educational environment to ensure the quality of education

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### Short description of discipline

The content of the course combines the effective use of theoretical knowledge in practice for the development of a comprehensively literate personality that meets the requirements of modern society for a school teacher who is able to set and solve pedagogical problems, taking into account the requirements of society, design and implement pedagogical situations aimed at developing the student's personality, as well as the formation of a competitive, creative personality, capable of designing and implementing a developmental focus.

### Purpose of studying of the discipline

formation of ideas about the pedagogical category "quality of education", which is a complex, multidimensional synthetic concept, as well as consideration of one of the conditions for its provision – the organization of a developing subject -spatial primary educational organization.

### Learning Outcomes

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON9 Demonstrate the skills of designing advanced pedagogical experience in the primary education system.

### Learning outcomes by discipline

1. Coordination of theoretical knowledge with effective use in practice.
2. Setting pedagogical tasks for a modern school teacher taking into account the requirements of society.
3. Formation of a competitive, creative personality.

### Prerequisites

Bachelor

### Postrequisites

Management of innovative processes in education Pedagogical bases of project activity in primary school Professional competence of the education manager

## Formation of critical thinking of students in the educational process of primary school

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### Short description of discipline

In the content of this course, the following questions are studied: history, definition, elements, types, parts of the strategy of critical thinking. In the course of studying this subject, future primary school teachers will learn about the effectiveness of critical thinking, the correct use of elements in the classroom, the development of critical thinking skills in students, use in the educational process, arousing interest, organizing joint activities, developing students' critical thinking and writing skills.

### Purpose of studying of the discipline

- familiarization with the most significant theoretical and methodological foundations of critical thinking; formation of critical thinking

techniques and skills on this basis.

### **Learning Outcomes**

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

### **Learning outcomes by discipline**

1. Primary school teachers learn the effectiveness of critical thinking, the ability to use elements correctly in the classroom,
2. Development of students' critical thinking skills, application in the educational process,
3. Formation of students' critical thinking and writing skills

### **Prerequisites**

Bachelor

### **Postrequisites**

Management of innovative processes in education Pedagogical bases of project activity in primary school Professional competence of the education manager

## **Acmeology**

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

The course is aimed at the formation and development of ideas about the basics of acmeology as a science of achievements necessary for the development of personality and society, the crises of professional development and factors of overcoming them are presented. As a result of the course, an idea of acmeological development of a person as a condition of personal and professional self-realization will be formed. The discipline contributes to the formation of a reflexive-acmeological approach among undergraduates to the analysis of the problems of the development of professional language skills.

### **Purpose of studying of the discipline**

To acquaint students with the concept of acmeology as a multidimensional human condition, the basics of knowledge about the phenomena of ACME development. To analyze phenomenological, empirical and theoretical concepts of the course "acmeology". To acquaint students with the fundamental psychological problems that they may face in the implementation of professional activities.

### **Learning Outcomes**

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON7 To improve personal and moral qualities and positions necessary in future professional activity.

### **Learning outcomes by discipline**

1. To know the history of the formation and the current state of acmeology
2. To assess the state and dynamics of acmeology at the present stage
3. To summarize information about the state and dynamics of acmeology at the present stage

### **Prerequisites**

Tertiary education

### **Postrequisites**

Theory and methods of teaching pedagogical disciplines Professional competence of the education manager

## **Information technology in teachers activity.**

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

The course examines information technologies in the work of a teacher, undergraduates will learn how to make complex decisions, work with information, analyze various aspects of the problem. The skills of compiling a set of electronic learning tools in accordance with the content of the discipline, the development of electronic learning tools will be formed the undergraduate will be ready to carry out pedagogical design and build individual educational routes.

### **Purpose of studying of the discipline**

To improve information competence of teachers, to teach expedient use of new technologies and software products in professional activity.

### **Learning Outcomes**

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON8 Interpret the system of modern innovative technologies in teaching pedagogical disciplines, applying fundamental research and scientific and practical innovative developments.

### **Learning outcomes by discipline**

1. Identify and identify trends in the methodology of historical research in the direction of using innovative technologies in educational and scientific activities
2. Solves and defines the role of historical science in the modern world, in particular ethnic (regional) history
3. Demonstrate skills of working with small text, essays; express your point of view; skills of creating text based on standards; skills of paraphrasing and quoting; skills of creating coherent and logically ordered text; skills of electronic academic communication

### **Prerequisites**

Tertiary education

### Postrequisites

Theory and methods of teaching pedagogical disciplines Professional competence of the education manager

## Professional self-knowledge and development

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### Short description of discipline

*In the process of studying the discipline, the formation of professional self-awareness and the development of a value attitude towards oneself and others takes place, the course promotes awareness of one's inner world and comprehension of one's individuality. In the course of pedagogical professional knowledge, students acquire the ability to independent activity, which is forms of communication and through. At the end of the course, undergraduates will be able to model pedagogical activity.*

### Purpose of studying of the discipline

*disclosure of humane potential of sense of individual and social life, formation of steady motivations of an independent choice of a course of life, achievement of professional self-affirmation by means of intensive training*

### Learning Outcomes

*ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.*

*ON6 Possess knowledge of regulatory and legal documents in the field of education, instructional documentation, skills and abilities to develop current educational and organizational documentation (didactic, control and measurement).*

*ON7 To improve personal and moral qualities and positions necessary in future professional activity.*

*ON9 Demonstrate the skills of designing advanced pedagogical experience in the primary education system.*

### Learning outcomes by discipline

- 1. The student is aware of certain reasons for the professional self-awareness and development of the teacher in the future.*
- 2. Knows his psychological characteristics in the process of pedagogical professional knowledge.*
- 3. Understands work on their strengths and weaknesses in the future.*

### Prerequisites

Tertiary education

### Postrequisites

Theory and methods of teaching pedagogical disciplines Professional competence of the education manager

## Academic writing in research

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### Short description of discipline

*The study of the discipline contributes to the development of scientific thinking and the acquisition of research skills, familiarization with the key principles of the construction and functioning of academic texts, students will learn to explore, analyze, and reproduce historical interpretations of various methods. The course prepares students for the techniques of writing a resume, abstract, scientific article, essay, scientific report, grant application. Demonstrates the ability to choose research methods and strategies.*

### Purpose of studying of the discipline

*mastering basic principles and acquiring practical skills in creating written texts of an academic nature, both educational and research.*

### Learning Outcomes

*ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.*

*ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.*

### Learning outcomes by discipline

- 1. Identify and identify trends in the methodology of historical research in the direction of using innovative technologies in educational and scientific activities*
- 2. Solves and defines the role of historical science in the modern world, in particular ethnic (regional) history*
- 3. Demonstrate skills of working with small text, essays; express your point of view; skills of creating text based on standards; skills of paraphrasing and quoting; skills of creating coherent and logically ordered text; skills of electronic academic communication*

### Prerequisites

Methodology and methods of scientific and pedagogical research

### Postrequisites

The research work of a student, including an internship and the implementation of a master s thesis II

## Scientific and practical bases in the organizations of education

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### Short description of discipline

*The study of the discipline is aimed at the formation and development of elements of methodological culture among students, including competencies for performing practical tasks for research activities by. modern standards, Study standards, principles and methods of scientific research; features of scientific work in the field of training of educational organizations. To develop a common scientific*

approach among undergraduates to understanding scientific research in the organization, methodology of research work.

### **Purpose of studying of the discipline**

the formation of a holistic and systematic understanding of the process of scientific research, processing and presentation of the results of scientific research in educational institutions.

### **Learning Outcomes**

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON6 Possess knowledge of regulatory and legal documents in the field of education, instructional documentation, skills and abilities to develop current educational and organizational documentation (didactic, control and measurement).

### **Learning outcomes by discipline**

1. Able to plan and solve the tasks of his own professional and personal development
2. Develop, formulate the ability to critically analyze and evaluate modern scientific achievements, generate new ideas when solving research and practical tasks, including in interdisciplinary fields
3. Demonstrates the skills of mastering the culture of scientific research, including using modern information and communication technologies

### **Prerequisites**

Methodology and methods of scientific and pedagogical research

### **Postrequisites**

The research work of a student, including an internship and the implementation of a master s thesis II

## **Education quality management**

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

The course is aimed at obtaining a quality competitive education and is one of the most important components in achieving success.

The stabilization of macroeconomic processes allowed the state to formulate new priorities in the field of education, and, first of all, this is the attitude to the quality of educational services.

To master the discipline, scientific knowledge of a bachelor`s degree in the psychological and pedagogical direction is required. Undergraduates need skills working with literary sources, annotating, skills in conducting experimental research.

### **Purpose of studying of the discipline**

Provide scientific and practical training of undergraduates on the basics of the quality of management activities in an educational organization.

### **Learning Outcomes**

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

### **Learning outcomes by discipline**

1. To know the essence of modern approaches in education quality management;
2. Be able to carry out the process of planning the management activities of an educational institution;
3. Have the skills to work with various structural units of an educational institution and subjects of the pedagogical process.

### **Prerequisites**

Methodology and methods of scientific and pedagogical research

### **Postrequisites**

The research work of a student, including an internship and the implementation of a master s thesis II

## **Author`s programs of primary education**

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

In teaching the discipline, the author`s program allows you to summarize information about the issues of creating favorable conditions for the upbringing and training of preschoolers and improving the conditions of safe education. Students work on individual author`s programs, form moral values, knowledge, skills and abilities that correspond to the age and individual capabilities of children according to the structure of the preschool pedagogical system.

### **Purpose of studying of the discipline**

aspects of the theory of pedagogical systems are formed on the example of the author`s pedagogical systems Kazakh, Russian and foreign.

### **Learning Outcomes**

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON6 Possess knowledge of regulatory and legal documents in the field of education, instructional documentation, skills and abilities to develop current educational and organizational documentation (didactic, control and measurement).

## Learning outcomes by discipline

1. Knows the content of the full methodological work of the primary institution.
2. Knows how to make an annual plan of an elementary educational institution.
3. Has the skills to conduct educational work in the primary class.

### Prerequisites

Tertiary education

### Postrequisites

The research work of a student, including an internship and the implementation of a master s thesis II

## Theory and methods of teaching pedagogical disciplines

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### Short description of discipline

The fundamentals of teaching the discipline provide a scientific analysis of the theories of methodological preparation of individual pedagogical disciplines, methods, methods of teaching. The methodological foundations of the methodology of pedagogical training are considered, students master the methods of methodological training. The skills of using teaching methods and models of writing a calendar and thematic plan for individual pedagogical disciplines of the education system. Forms educational and cognitive competence using the latest modern technologies.

### Purpose of studying of the discipline

arming undergraduates with a system of scientific knowledge and ideas about theoretical and methodological foundations, principles. the content, methods, forms and means of teaching pedagogy in institutions of higher pedagogical education, as well as the formation of their orientation to mastering professional skills and skills in implementing the content, methods, forms and means of teaching pedagogical disciplines in educational practice.

### Learning Outcomes

ON7 To improve personal and moral qualities and positions necessary in future professional activity.

ON8 Interpret the system of modern innovative technologies in teaching pedagogical disciplines, applying fundamental research and scientific and practical innovative developments.

### Learning outcomes by discipline

1. Is able to analyze the scientific theory of methodological readiness of individual pedagogical disciplines
2. Has the skills to master the methods of educational and methodological training in subjects.
3. Has the skills to form educational and cognitive competencies.

### Prerequisites

Bachelor Tertiary education

### Postrequisites

The research work of a student, including an internship and the implementation of a master s thesis II

## Theory of integral pedagogical process

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### Short description of discipline

The discipline examines the entire pedagogical process in Higher School and introduces it to its theoretical and methodological foundations. The essence and structure of the pedagogical process with the modern educational paradigm are considered in detail. In high school, the student acquires the skills of organizing a holistic pedagogical process. Gets acquainted with the forms of training organization, understands the main tasks of lectures, seminars, and practical classes, and learns to implement them. Studies the classification of teaching methods in high school.

### Purpose of studying of the discipline

the study of the theory of an integral pedagogical process implemented by reflecting in the purpose and content of education the interrelation of four elements: knowledge, skills and abilities, which are the experience of applying knowledge in actions according to ready-made algorithms, the experience of creative activity and the experience of emotional-value and volitional attitude to the surrounding world.

### Learning Outcomes

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

### Learning outcomes by discipline

1. Knows the holistic pedagogical process in Higher education and its theoretical and methodological foundations.
2. Understands the basics of the organization and implementation of a holistic pedagogical process in higher education
3. Systematically uses teaching methods in the implementation of a holistic pedagogical process in higher education.

### Prerequisites

Bachelor Tertiary education

### Postrequisites

The research work of a student, including an internship and the implementation of a master s thesis II

## Professional competence of the education manager

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### Short description of discipline

The course provides consideration of the purpose of improving the professional competence of an education manager, training on domestic and foreign platforms, developing leadership and managerial abilities with a focus on improving the quality of education. The course content reveals the features of the education manager's professionogram, introduces job responsibilities, regulatory and legal documentation. The methods, forms, and techniques of developing the professional competence of an education manager are considered in detail.

### Purpose of studying of the discipline

the formation of the student's skills in using the basic principles, methods and management mechanisms in the field of education, which, in turn, will improve the professional qualities of future teachers and help them in professional growth.

### Learning Outcomes

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON6 Possess knowledge of regulatory and legal documents in the field of education, instructional documentation, skills and abilities to develop current educational and organizational documentation (didactic, control and measurement).

ON7 To improve personal and moral qualities and positions necessary in future professional activity.

### Learning outcomes by discipline

1. To get acquainted with the theory of management in the education system of Kazakhstan;
2. Masters the professional tasks and organizational ways of an educational manager;
3. Owns ways to improve the quality of pedagogical education.

### Prerequisites

Bachelor

### Postrequisites

Teaching practicum

## Theory and practice of primary education

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### Short description of discipline

The course provides for the practical use of psychological and pedagogical theory in the problem of teaching, various forms of organization, subjects and methods of taking into account age characteristics in primary school. As well as mastering new approaches in education and education, teaching critical thinking, assessment and training for learning, the use of information and communication technologies in teaching, the organization of education and training, primary school in accordance with the age characteristics of students in theory and in practice. Fundamentals of the methodology aimed at using a set of diagnostic tools based on the development of classification methods of the theory of primary education organization.

### Purpose of studying of the discipline

theoretical and methodological training of future specialists.

### Learning Outcomes

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON9 Demonstrate the skills of designing advanced pedagogical experience in the primary education system.

### Learning outcomes by discipline

1. Masters the essence, content and types of forms of organization of primary education;
2. Is able to apply the educational and learning process in accordance with the age characteristics of students;
3. Owns the theory and practice of the organization of primary education;

### Prerequisites

Tertiary education

### Postrequisites

The research work of a student, including an internship and the implementation of a master's thesis II

## Management of the educational process in primary school

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### Short description of discipline

The course provides pedagogical and psychological management of the educational process, taking into account the age characteristics of students in primary school. Mastering the pedagogical and psychological features of the educational process, the skills of forming motivation for educational activities. Forms pedagogical and psychological skills for the formation of objects of the educational process, practical skills for overcoming barriers in educational activities and considers the humanistic paradigm of education, the principles of humanization of the educational process, values, trends and content of education.

### Purpose of studying of the discipline

formation of a clear understanding of the basic concepts of the methodology of education, readiness to carry out educational activities. formation and development of students' competence, management of the educational process in accordance with the new educational paradigm.

### **Learning Outcomes**

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

### **Learning outcomes by discipline**

1. Knows the features and types of educational work in primary school ;

2. Is able to include the attraction and mutual influence of personal and organizational values that need to be learned in the educational process.

3. Owns in practice the conduct of educational work in management management.

### **Prerequisites**

Tertiary education

### **Postrequisites**

The research work of a student, including an internship and the implementation of a master's thesis II

## **Design of pedagogical process in the system of primary education**

Discipline cycle Profiling discipline

Course 2

Credits count 5

Knowledge control form Examination

### **Short description of discipline**

The discipline reveals the specifics of designing and planning the pedagogical process in the system of primary education, taking into account modern trends in the content of primary education. The course forms the professional competence of a future specialist when designing the pedagogical process in primary school. Students acquire the skills of pedagogical design of educational activities in primary education in the context of developing learning, taking into account the achievements of Science and best pedagogical experience.

### **Purpose of studying of the discipline**

formation of students' professional competence and skills in the field of pedagogical design, which will contribute to the formation of the professional culture of a master's student in the direction, stimulate the development of interest in practical activities as a teacher in the field of education and pedagogical creativity.

### **Learning Outcomes**

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

ON9 Demonstrate the skills of designing advanced pedagogical experience in the primary education system.

### **Learning outcomes by discipline**

1. Knows the features of designing the pedagogical process in the primary education system

2. Understands the pedagogical design of educational activities in the primary education system in the context of developmental education.

3. Uses scientific achievements and advanced pedagogical experience in primary education.

### **Prerequisites**

Bachelor Tertiary education

### **Postrequisites**

Teaching practicum Research practice

## **Modern problems of inclusive education in primary school**

Discipline cycle Profiling discipline

Course 2

Credits count 5

Knowledge control form Examination

### **Short description of discipline**

The discipline introduces students to the methods of educating children with special needs together with schoolchildren and teach them the basics of pedagogical activity. Students develop skills of working with children with special needs in primary school. The course forms the professional competencies of future teachers, which will allow them to develop and instill pedagogical professional activity through inclusive education in general education institutions. The course content identifies the main problems of inclusive education in primary school and teaches them to solve.

### **Purpose of studying of the discipline**

- formation of knowledge about the specifics of the main categories of inclusive education in primary school.

### **Learning Outcomes**

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the

organization and implementation of research activities in the primary education system.

### **Learning outcomes by discipline**

1. Socialization through inclusive education in educational institutions, the formation and development of the competencies of future teachers, which will allow the development and inculcation of pedagogical professional activity.
2. Carries out the entire pedagogical process, creating a creative environment, taking into account the selection and application of optimal methods and technologies for training and education
3. Carries out a pedagogical process aimed at creating effective assistance to disabled children, their education, upbringing, preparation for work and profession, and rehabilitation of disabled children.

### **Prerequisites**

Bachelor Tertiary education

### **Postrequisites**

Teaching practicum Research practice

## **Comparative pedagogy**

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

Knowledge of the subject, tasks and functions of comparative pedagogy, its content and structure, the relationship of comparative pedagogy with other sciences, the significance of comparative pedagogical research. The formation of comparative pedagogy as a science, the development of comparative pedagogy in Russia, the stages of development and the current state in Kazakhstan. Features of comparative pedagogical research, methodological concepts of comparative pedagogical research, its individual methodological principles that provide knowledge on the classification of methodological approaches in comparative pedagogy.

### **Purpose of studying of the discipline**

formation of an idea about the process of historical development of pedagogical science and the essence of education in the conditions of various civilizations and historical epochs, the genesis and evolution of pedagogical concepts of education as a unique cultural and historical phenomenon.

### **Learning Outcomes**

ON2 Use the methods of pedagogical research, master the skills of implementing the pedagogical process based on the results of research work.

ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.

ON5 Plan and determine the priorities of professional activity aimed at the systematic solution of tasks in primary education.

### **Learning outcomes by discipline**

1. Comparative pedagogy is an independent branch of pedagogical science, knows the history of comparative pedagogy, the methodology of comparative pedagogy
2. Understands the importance of comparative research
3. Puts comparative research into practice.

### **Prerequisites**

Bachelor Tertiary education

### **Postrequisites**

Teaching practicum Research practice

## **Pedagogical bases of project activity in primary school**

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

As a result of studying the discipline, students learn to consider the age and psychophysiological conditions of students in the organization of project activities. Students should take into account visual and imaginative thinking and imitation in primary school age students. Therefore, students should remember that when organizing project work, primary school students need to submit previously completed research papers. The course content introduces the techniques of gradual transition of pedagogical project work from simple to complex.

### **Purpose of studying of the discipline**

- study of the essence, patterns, trends and prospects of the development of the pedagogical process as a factor and means of developing students in the learning process;
- study of the main components of the methodological training system
- formation of the project competence of undergraduates.

### **Learning Outcomes**

ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.

ON9 Demonstrate the skills of designing advanced pedagogical experience in the primary education system.

### **Learning outcomes by discipline**

1. Knows the age and psychophysiological conditions of students in the organization of project activities.
2. When organizing project work for elementary school students, previously studied research papers are studied.
3. Gradual introduction of pedagogical project work.

### **Prerequisites**

Bachelor  
**Postrequisites**  
Teaching practicum

## **Design and examination of educational systems in higher education**

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

*The content of the course focuses on project activities and ways of analysis in high school, the concepts of project activities "design", "forecasting", "design", "modeling", the diversity of special research and scientific forecasting. In addition, the "search forecast" focuses on the concepts, goals and objectives, the search and analysis of the normative and long-term problem, the appropriate solution, which determines the possible way to solve the problem, along with the orientation to a given criterion.*

### **Purpose of studying of the discipline**

*development of professional competence of the master through the development of theory and practice of design and examination of educational systems, leading to scientific understanding and understanding of practice-oriented knowledge about the possibilities and prospects of designing "educational systems", ways and forms of measuring the effectiveness of their professional activities.*

### **Learning Outcomes**

*ON3 Possess knowledge in the field of diagnostics and evaluation of the educational process based on modern methodological approaches.*

*ON4 Demonstrate knowledge in the field of goal-setting, skills and abilities of designing a holistic pedagogical process in the organization and implementation of research activities in the primary education system.*

*ON9 Demonstrate the skills of designing advanced pedagogical experience in the primary education system.*

*ON10 To study the state and potential of the controlled process for solving research problems.*

### **Learning outcomes by discipline**

- 1. Master the methods of project activity and expertise at school,*
- 2. Be able to identify a variety of special studies and scientific forecasts.*
- 3. Have the skills to use theory in practice.*

### **Prerequisites**

Bachelor  
**Postrequisites**  
Teaching practicum

## **Professional competence approach in training future specialists of primary education**

Discipline cycle	Profiling discipline
Course	2
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

*The course content provides for the study of the concept of competence, knowledge, skills, competence in learning, approach, quality of learning as a result of education, which in turn leads to the implementation of integrated approaches, the creation of a unified system for assessing the quality of types and components of competence. The introduction of these concepts into pedagogical practice involves changing the content and methods of education, specifying the types of activities.*

### **Purpose of studying of the discipline**

*the obsession of the course examines the current research directions of modern problems of the development and formation of pedagogical professionalism as a socio-psychological and personal phenomenon. A set of methodological approaches to the formation of a teacher's professionalism is substantiated.*

### **Learning Outcomes**

*ON7 To improve personal and moral qualities and positions necessary in future professional activity.*

*ON9 Demonstrate the skills of designing advanced pedagogical experience in the primary education system.*

### **Learning outcomes by discipline**

- 1, Competency-based approach to learning, ensures the quality of learning as an educational result,*
- 2. Develop a unified system for evaluating the quality of training,*
- 3. Specify the types of actions .learn.*

### **Prerequisites**

Tertiary education

### **Postrequisites**

*The research work of a student, including an internship and the implementation of a master s thesis II*