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Higher and Postgraduate Educational Programs

☐ Project EP ☒ Participant of project EP

OHPE (Developer)

non-profit limited company "Akhmet Baitursynuly Kostanay Regional University"

Title of project EP

Co-developers

West Kazakhstan University named after Makhambet Utemisov NPJSC Kokshetau University named after Sh. Ualikhanov NPJSC
Pavlodar Pedagogical University named after Alkey Margulan NPJSC Non-profit limited company "Sarsen Amanzholov East Kazakhstan University"
Taraz University named after M.Kh. Dulaty NPJSC

Date of registration in the Registry

05.06.2024

Registration number

6B01200074

Date of EP passport updating

08.07.2026 22:06

Field of education

6B01 Pedagogical sciences

Direction of personnel training

6B012 Pedagogy of preschool education and training

Group of educational programs

B002 Pre-school education and upbringing

Educational program

6B01202 Pre-School Education (IP)

EP purpose

Preschool teacher training with general, pedagogical and subject competencies, able to successfully carry out professional activities on the basis of constructive coordination and modern educational trends (personal orientation, interdisciplinarity, inclusion of parents and the community)

EP type

Innovative EP

Level on NQF

6

Level on SQF

6

EP distinctive features

No

Language of education

Russian Kazakh

Professional Standard for EP

Exists

English

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№	Name of professional standard
1	Professional standards for teachers of educational organizations

Professional standards (career standards)

Professional standard has been used at developing EP

Professional standard №1

Professional standardПрофессиональные стандарты для педагогов

Approval year2024

CCEA.....

Professions

Profession №1

ProfessionВоспитатели организации дошкольного образования

Уровень по ОРК6

Labor functionsОсуществление методической деятельности
Осуществление воспитательно-образовательной деятельности
Проведение мониторинга уровня развития личности

Volume of the credits240

Degree to be conferredBachelor

Period of study4

Date of approval EP on the Academic Council27.04.2026

Date when EP was approved by the Republican Educational and Methodological Board of the Ministry of Science and Higher Education of the Republic of Kazakhstan17.05.2023

Existence of the annex to the license for the direction of personnel training

The license number on the direction of trainingKZ49LAM00007465

The training format is online

EP accreditation existence

Atlas of new professionsне предусмотрено

Regional standardне предусмотрено

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Nº	Educational outcome	Code	Reflects the labor function
1	Apply interdisciplinary knowledge and experience for worldview, historical and moral development in	ON1	Осуществление методической деятельн
2	Able to constructively communicate and interact in oral and written forms in Kazakh, Russian and foreign	ON2	Осуществление методической деятельн Осуществление воспитательно-образов
3	Able to organize a working environment, consciously work in accordance with international and national	ON3	Осуществление воспитательно-образов Осуществление методической деятельн
4	Capable of professional development and lifelong learning; reflect and critically evaluate their values,	ON4	Осуществление воспитательно-образов Осуществление методической деятельн
5	Able to apply knowledge in pedagogy and psychology for the upbringing, development,	ON5	Осуществление воспитательно-образов
6	Able to design a safe, barrier-free developmental object-spatial environment in kindergarten for all	ON6	Осуществление воспитательно-образов
7	Possess skills in organizing and managing the educational process in a preschool organization, the	ON7	Осуществление воспитательно-образов Осуществление методической деятельн
8	Able to conduct and analyze the results of monitoring to improve the educational process in a	ON8	Проведение мониторинга уровня разви Осуществление воспитательно-образов
9	Able to implement, evaluate and develop children's organized activities using a variety of resources,	ON9	Осуществление воспитательно-образов Осуществление методической деятельн
10	Apply basic knowledge and understanding of the organization of the activities of children of early and	ON10	Осуществление воспитательно-образов
11	Able to independently and in a team conduct research work in the field of preschool education at	ON11	Осуществление воспитательно-образов Проведение мониторинга уровня разви Осуществление методической деятельн
12	Able to develop emotional intelligence and leadership skills to create an environment of well-being through	ON12	Осуществление методической деятельн Осуществление воспитательно-образов

Data on disciplines			
Nº	Name of discipline	Short description of discipline	Cycle
1	Basics of Law and Anti-Corruption Culture	The aim is to familiarize students with the main branches and institutions of law, the basics of an anti-corruption culture, as well as the laws of the emergence, development and functioning of the state and law. The course forms the skills of an anti-corruption culture and a high level of theoretical knowledge about the main functions of law in the state and society, its impact on the development of law-based state, civil society.	GED
2	Fundamentals of Scientific Research	The goal is to form knowledge about the principles, technologies, practical methods and techniques of conducting scientific research based on modern achievements of scientists. Forms the basic foundations of scientific culture and ethics, flexible perception of scientific texts, skills of effective application of acquired knowledge in planning and organizing research work, the ability to analyze and summarize research results.	GED

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		 ЕДИНАЯ ПЛАТФОРМА ВЫСШЕГО ОБРАЗОВАНИЯ	English 	
3	Ilyastanu	with high aesthetic taste, appreciating literature, art, traditions, culture and language of the Kazakh people through a deep and comprehensive study of the works of Ilyas Zhansugurov. Forms an understanding of the importance of the works of Ilyas Zhansugurov in the development of the Kazakh literary language, skills of intellectual and creative thinking, the ability to cherish the values of national and spiritual heritage.	GED	
4	Fundamentals of Financial Literacy	The course is aimed at gaining knowledge and skills in the field of personal finance management. Also, as part of the course, students will learn how to use in practice all kinds of tools in the field of finance, save and increase savings, plan a budget competently, learn how to analyze financial information and navigate financial products to choose an adequate investment strategy.	GED	
5	Ecology and Life Safety Basics	Purpose – to form knowledge on the basics of ecology and life safety, allowing to analyze environmental processes, assess the socio-ecological consequences of anthropogenic activities, methods and technologies of protection in emergency situations. Develops skills to assess the impact of environmental factors on human health; predict environmental processes for planning and implementing measures to improve life safety; make decisions in adverse environmental and emergency situations, taking into account the possible consequences of accidents, catastrophes, natural disasters.	GED	
6	Economics and Entrepreneurship	The purpose is to familiarize students with the economic problems of modern society, the formation of economic thinking and gaining knowledge in the field of theoretical foundations and practical skills in the field of entrepreneurship. It is focused on the formation of students' comprehensive understanding of the laws of the functioning of the economy, obtaining business education aimed at acquiring applied competencies in various fields of entrepreneurial activity, reveals the features of creating and successfully running their own business.	GED	
7	Assessment and Development	Pre-service teachers have a thorough understanding of the meaning of assessment in learning process and are able to provide constructive assessment in ethical manner in different phases of learning processes and engage learners in assessment. Pre-service teachers identify, differentiate, and use different assessment technologies, principles, stages, and assessment tools in their own field of expertise (including formative and summative assessment and self-and peer- assessment, etc). They can critically evaluate and analyze their understanding and practices concerning assessment and develop them further.	BD	
8	Age and Physiological Features of the Development of Children	Pre-service teachers are familiar with the formation of psyche, its functioning, and the patterns of development. Pre-service teachers can observe the development of their students, and accordingly, plan and implement age-appropriate learning processes considering individual needs of students. Pre-service teachers act creatively and appropriately in different situations and support learning and well-being of the learners.	BD	
9	Educational Science and Key Theories of Learning	Pre-service teachers explore the basics of educational science such as the conceptions of man leading to various learning theories and pedagogical models. Based on their understanding of the theoretical concepts, pre-service teachers are able to make appropriate pedagogical choices for various learning situations.	BD	
10	Psychology in Education and Concepts of Interaction and Communication	Pre-service teachers are familiar with the modern psychological theories and models, as well as personality functioning and individual properties. They can apply the knowledge in their teaching in diverse educational contexts. Pre-service teachers support positive development of learners by fostering dialogue, interaction, and communication in the educational process. They are able to communicate, interact, and collaborate with pupils' families as well as in various other partnership networks and create new relationships suitable for the development of their own pedagogical activity.	BD	

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11	Fundamentals of Artificial Intelligence	algorithms underlying the creation and application of artificial intelligence. In this course, students will study the theoretical foundations of machine learning, neural networks, natural language processing algorithms and computer vision. They will also get acquainted with the ethical, social and legal aspects of the application of artificial intelligence in various spheres of life.	BD
12	Research, Development and Innovation	Pre-service teachers design a small-scale research project to familiarize themselves with research-based development of their work as teachers. They identify their research topic questions, conduct the literature review and design the methodology for the data collection and analysis, including ethical aspects of research. After the course, pre-service teachers are able to develop and update their pedagogical activities based on ethically conducted research and development and carry out or participate in research projects. They are also able to present their research and development results using various professional forms and channels.	BD
13	Inclusive Educational Environment	Pre-service teachers have the ability to consider the diversity of learners and identify their individual needs in the learning / teaching process. Pre-service teachers support students' learning and inclusion in the educational process by using suitable ICT, teaching and assistive technologies. Pre-service teachers maintain students' well-being from psychological and ethical perspective in collaboration with the community (teachers, students, parents/guardians) considering the context of students' life and learning.	BD
14	Teaching Methods and Technologies	Pre-service teachers have a comprehensive understanding of teaching strategies and methodologies, and can apply them in planning, teaching, and assessment in innovative ways matching the specific pedagogical situations, conditions of a specific school and the capabilities of students. Pre-service teachers are able to design suitable inclusive physical and online learning environments at different stages of the educational process. Pre-service teachers understand and can apply the regulations of copyright and data protection in their learning material planning. Pre-service teachers possess necessary knowledge of didactics, learning technologies and methods of motivating students being able to provide necessary pedagogical assistance to students.	BD
15	Teaching Planning and Individualization of Learning	Pre-service teachers are familiar with the curriculum in their area of teaching and the guiding pedagogical principles and cross-cutting development themes of a specific level of education, such as entrepreneurship and sustainable development. Pre-service teachers possess the necessary skills of individualization of teaching, considering the diversity of students and their inclusion to the learning process, as well as the use of teaching technologies, based on pedagogical and independent research.	BD
16	Pedagogical Research	This course provides pre-service teachers with a theoretical foundation on pedagogical research. Pre-service teachers possess skills to seek and critically select theoretical knowledge from various reliable sources, utilize research findings in the development their pedagogical thinking and practice, and adopt willingness to promote research-based learning and education as well as their own continuing development and professional growth.	BD
17	Pedagogy of Children's Creative Development	Pedagogy of Children's Creative Development - This course examines the theoretical and methodological foundations of creative development in preschool children. Students master methods for developing creative abilities, taking into account the age and individual characteristics of children. Methods for stimulating imagination, creative thinking, and independence are explored. Particular attention is paid to creating a nurturing environment, supporting initiative, an individual approach, and the role of the teacher in unlocking children's creative potential.	BD
18	Fundamentals of Gamification	Within the discipline, the theoretical and practical foundations of gamification in education are studied, including principles of game design, student motivation, and engagement in the learning process. The mechanisms of using game elements such as points, levels, rankings, and scenario-based tasks to enhance cognitive activity and learning effectiveness are examined. Special attention is given to the use of digital technologies and interactive platforms in education.	BD



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19	Sensory Education at an Early Age	children is studied as a foundation for forming perception, cognitive activity, and initial understanding of the properties and qualities of surrounding objects and phenomena. The laws and stages of sensory development, the features of forming sensory standards, as well as the pedagogical conditions for the effective organization of sensory experience in early childhood are examined.	BD
20	Socio-Emotional Development in Early and Pre-School Age	Pre-service teachers develop their competences in the field of social and emotional development of children in early and preschool age based on professional approaches to the development of critical thinking skills, creativity, positive communication with adults and peers, demonstration of emotional intelligence and teamwork skills of children in early and preschool age.	BD
21	Artistic and Creative Activities of Preschool Children	Artistic and Creative Activities of Preschool Children - This course introduces future teachers to methods for developing children's creative abilities, taking into account their age and individual characteristics, through visual arts, music, movement, and play. Artistic activities covered include drawing, modeling, appliqué, and construction. Particular attention is paid to lesson organization methods, developing imagination, aesthetic perception, and the child's individuality in a preschool setting.	BD
22	Development of Cognitive and Intellectual Skills of Preschool Children	Developing Cognitive and Intellectual Skills in Preschool Children - This course prepares future teachers to work with preschoolers, taking into account the psychological and pedagogical foundations of their cognitive and intellectual development. Students master methods for developing thinking, attention, memory, speech, and imagination, taking into account the age and individual characteristics of children, through the use of games and innovative technologies. They also develop skills in organizing, diagnosing, and assessing children's cognitive activity.	BD
23	Art Pedagogy and Creative Development of Preschool Children	Art Pedagogy and Creative Development of Preschool Children – This course introduces future teachers to the fundamentals of creative development in preschool children and art pedagogy. Students master techniques for developing, organizing, diagnosing, and assessing children's creative abilities, taking into account their age and individual characteristics, as well as professional interaction with parents of preschoolers.	BD
24	Organization of Leisure Activities in a Pre-School Organization	Pre-service teachers master methodological approaches to organizing various types of activities in the process of leisure interaction of pupils with adults and peers both inside and outside the preschool organization during the school year and during the summer recreation period.	BD
25	Educational Process in a Multi-Age Group of a Pre-School Mini-Center	Within the discipline, the organization of the educational process in a mixed-age preschool group is studied, considering the age, individual, and educational needs of children in early and preschool stages. It focuses on planning pedagogical activities, integrating educational content, and creating a safe, inclusive, and developmentally supportive learning environment for all children.	BD
26	Home and Family Education for Pre-School Students	Pre-service teachers develop their skills in providing psychological and pedagogical support to parents in the organization of family education. They also learn personality-oriented and differentiated approaches in providing advisory assistance and methodological support on issues of home education for preschool children.	BD
27	Children Literature Fiction	Within the discipline, children's literary works and their genre and thematic diversity are studied. The features of children's perception of literary texts, as well as methods of analyzing and selecting literature for different age groups, are examined. Special attention is given to the educational potential of literary works and the development of children's speech, imagination, and interest in reading.	PD
28	Child Psychology	This discipline gives an idea of the methods of child psychology and the patterns of mental development, research in the field of child psychology, about neoplasms in preschool childhood and their role in the further mental development of preschool children.	PD



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29	Physical Education and Child Safety Culture	task of preschool education and training - protecting the life and strengthening the health of pupils in a preschool organization - through the upbringing of a physically developed child and the formation of the foundations of a healthy lifestyle and safe behavioral skills.	PD
30	Communicative and Speech Development of Children of Early and Pre-School Age	With the help of interactive teaching methods, gaming technologies and modern online tools and services used in the practice of preschool organizations, pre-service teachers learn to master advanced pedagogical practices and innovative methods and approaches for the development and correction of communication and speech skills of children in early and preschool age in a preschool organization and families.	PD
31	Theory and Methodology of Introducing Preschool Children to the World Around Them	This discipline is aimed at forming ideas about the role of the nature, the environment in the formation of the child's personality as well as at forming professional competence of students on the basis of acquisition of theoretical knowledge and practical skills in the field of ecological education of children of early and preschool age.	PD
32	Logical and Mathematical Development of Pre-School Children	Pre-service teachers develop their competences in developing cognitive abilities in preschoolers in the process of forming elementary mathematical concepts and performing simple logical operations. They learn to ensure continuity between the stages of familiarizing a preschooler with the basics of mathematics and logic in kindergarten and master the exact sciences in elementary school.	PD
33	Social Partnership of Pre-School Organization and Family	Pre-service teachers master the competencies for developing various trajectories of interaction between a preschool organization and various types of families. Based on respect, trust and equality, pre-service teachers learn to apply innovative forms of family support, including those families with children with special educational needs.	PD
34	Project Activities in a Pre-School Organization	During the course, pre-service teachers develop their skills in the design and implementation of project activities in the educational process of a preschool organization to create a creative or information product in joint activities with pupils, their parents and / or with social partners of a preschool organization.	PD
35	Monitoring in a Pre-School Organization	Within the discipline, the monitoring system in a preschool organization is studied as a tool for assessing the quality of the educational process and the level of children's development. The goals, objectives, principles, and stages of monitoring activities, as well as methods of data collection, processing, and analysis, are examined. Special attention is given to the use of monitoring results to improve educational practice, individualize learning, and support pedagogical decision-making.	PD
36	Design of the Developmental Environment of a Pre-School Organization	During this course, pre-service teachers study the functions of the subject-spatial developing environmen in a preschool organization. They learn about the regulatory requirements related to e.g. sanitary or epidemiological conditions. They also learn to design age- and activity specific and barrier-free playing spaces in collaboration by involving children and parents.	PD
37	Management in Pre-School Education	Within the discipline, the management system of a preschool organization is studied, including planning, organizing, coordinating, and controlling the educational process. Modern approaches to effective management of teaching staff, resource allocation, ensuring the quality of preschool education, and developing the educational environment are examined. Special attention is given to the legal and regulatory framework, strategic and operational management, and the implementation of innovative technologies in preschool education.	PD
38	Pre-School Pedagogy	Pre-service teachers study the patterns of development, upbringing and elementary education of children aged 3 to 6 years. They master the competencies in the formation of a basic culture of the personality of a preschooler using modern methods of education and training. They also learn to create a favorable environment for the development of the child's independence, taking into account their educational needs.	PD

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39	Workshop on Pre-School Psychology	research in child psychology and master the skills of using various methods for studying the main areas of personality (emotions and feelings, etc.) and cognitive abilities of preschool children (perception, attention, memory, imagination, etc.), as well as the features of preschool children’s interaction with peers and adults (adaptation, shyness, etc.) in gaming and other activities.	PD
40	Organization of Theatrical Activities in Kindergarten	This discipline is an elective course. It involves the artistic development of students in a practical, active form in the process of personal development. The main task of theatrical activity is to harmonize the child's relationship with the surrounding world, which in the future would serve as protection from social and interpersonal confrontations.	PD
41	Games and Play Activities of Modern Preschoolers	Pre-service teachers demonstrate an understanding of the value of play for child development and ensure the child's right to play. They learn to provide pedagogical support for gaming activities in a preschool organization, in the family, and in places of leisure for children in cities and rural areas. They also learn to provide preschoolers with the opportunity to choose the type of game for their self-expression and creative activity. Pre-service teachers learn to create conditions for children's play initiative.	PD
42	Fundamentals of Applied Behavior Analysis	Course goal – to develop the ability, grounded in Applied Behavior Analysis (ABA), to critically analyze data-based functions of behavior; design and implement individualized interventions in inclusive educational settings; and evaluate their effectiveness, safety, and ethical soundness. Develops skills to: operationalize behavior; collect and analyze data (incl. ABC); identify behavioral functions; design and apply behavior support plans; teach functionally equivalent alternative behavior; manage crisis situations; and assess outcomes.	PD
43	Musical Education of Pre-School Students	Pre-service teachers develop their skills in musical education and development of musical abilities of preschoolers by creating favorable conditions for musical and rhythmic activities, listening and perceiving music in the daily routine. They learn to sing and play children's musical instruments in organized activities.	PD
44	Inclusion in Pre-School Educational Institutions	Within the discipline, the theoretical and practical foundations of inclusive education in preschool organizations are studied, aimed at ensuring equal access to learning and development for all children, including those with special educational needs. The principles of inclusion, the creation of a barrier-free and supportive environment, as well as the psychological and pedagogical conditions for a child’s socialization and development are examined.Special attention is given to adapting educational programs, individualizing learning, interacting with parents, and promoting interdisciplinary cooperation among specialists.	PD
45	Artificial Intelligence in Preschool Education	Within the discipline, the application of artificial intelligence in preschool education is studied as a modern tool to support the educational and upbringing process. The possibilities of using AI technologies for individualizing learning, diagnosing children's development, creating an adaptive educational environment, and improving the effectiveness of pedagogical practice are examined.	PD