Ministry of Science and Higher Education of the Republic of Kazakhstan
Karaganda University of the name of academician E.A. Buketov

«APPROVED BY»
The decision of the Administration of
NLC «Karaganda University of the name
of academician E.A. Buketov»

Protocol № 1 24.05.2024

_____ prof. N.O. Dulatbekov

«APPROVED BY»
The decision of the Directory Board of
NLC «Karaganda University of the name
of academician E.A. Buketov»

Protocol № 5 21.06.2024

EDUCATIONAL PROGRAM

«8D01301 - PEDAGOGICS AND METHODS OF PRIMARY EDUCATION»

Level: PhD Doctorate

Karaganda,
2024

APPROVAL SHEET

EDUCATIONAL PROGRAM «8D01301 – PEDAGOGICS AND METHODS OF PRIMARY EDUCATION»

«AGREED»

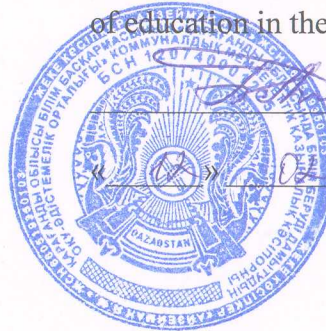Head of the department of Education of the Karaganda region

_____ G.S. Zhunusova

« 05 » 02 _____ 20 24

«AGREED»

Head of the educational and Methodological Center for the development of education in the Karaganda region

_____ B.H. Abdikerova

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The educational program «8D01301 - Pedagogics and methods of primary education» was developed on the basis of:

– «On Education» The Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III (with amendments and additions as of 01.01.2024)

– "On languages in the Republic of Kazakhstan" Law of the Republic of Kazakhstan dated 11 July 1997 No. 151-I. (with amendments and additions as of 05/01/2023)

- On approval of the State Mandatory Standards of higher and Postgraduate Education (Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 No. 2) (with amendments and additions dated 03/06/2023) (with amendments and additions dated 03/06/2023)

– Concepts for the development of higher education and science in the Republic of Kazakhstan for 2023-2029. Approved by Resolution of the Government of the Republic of Kazakhstan dated March 28, 2023 No. 248.

- National Qualifications Framework. Approved by the Republican Tripartite Commission on Social Partnership and Regulation of Social and Labor Relations on March 16, 2016.

- Order of the Ministry of Education and Science of the Republic of Kazakhstan "On approval of the Rules for the organization of the educational process in credit technology" dated April 20, 2011 No. 152 (with amendments and additions as of 08/11/2023)

- On approval of the Classifier of training programs for personnel with higher and post-graduate education. Order of the Ministry of Education and Science of the Republic of Kazakhstan of October 13, 2018 No. 569 (with amendments and additions dated 05/16/2023 No. 218)

- On the approval of the professional standard "Teacher". Order of the Acting Minister of Education of the Republic of Kazakhstan dated December 15, 2022 No. 500.

- On the approval of the state mandatory standards of preschool education and training, primary, basic secondary and general secondary, technical and vocational, post-secondary education. Order of the Minister of Education of the Republic of Kazakhstan dated August 3, 2022 No. 348 (with amendments and additions dated 07.10.2023)

- Order of the Minister of Education and Science of the Republic of Kazakhstan dated May 10, 2018 No. 199 On Amendments and Additions to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 3, 2013 No. 115 "On Approval of standard curricula in general education subjects, elective courses and electives for general education organizations" (with amendments and additions to as of 01.10.2022)

- Order of the Minister of Education and Science of the Republic of Kazakhstan dated September 4, 2018 No. 441 On Amendments and Additions to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated November 8, 2012 No. 500 "On Approval of standard curricula of primary, Basic secondary, general secondary Education of the Republic of Kazakhstan" (with amendments and additions as of 03.11.2023)

Passport of the educational program

1 Code and name of the educational program: 8D01301 Pedagogy and methodology of primary education

2 Code and classification of the field of education, areas of training: 8D01 Pedagogical sciences, 8D013 Teacher training without subject specialization

3 Group of educational programs: 8D01301 – Pedagogy and methodology of primary education

4 Credit value: 180 ECTS

5 Mode of attendance: full-time

6 Language of instruction: Russian, Kazakh

7 Academic degree awarded: Doctor of Philosophy PhD in the educational program «8D01301- Pedagogy and methodology of primary education»

8 Type of educational program: current

9 ISCED (International Standard Classification of Education) level – 8 level

10 NQF (National Qualifications Framework) level – 8 level

11 SQF (Sectoral Qualification Framework) level – 8 level

12 Distinctive features of the educational program: none

13 The number of the appendix to the license for the direction of training: KZ83LAA00018495 №017 dated 28.07.2020.

14 The name of the accreditation body and the validity period of the accreditation of the educational program: Independent Kazakhstan Agency for Quality Assurance in Education. Certificate of specialized accreditation SA-A №0271/3 of IKAQAE (date of reissue 06.05.2023) validity period 06.05.2023 – 05.05.2028

15 The purpose of the educational program: Training of qualified and competitive specialists in demand by the domestic education system, motivated to educational, research, administrative activities in accordance with the professional standard of education.

16 Qualification characteristics of the graduate

a) List of graduate positions

- leading specialist,
- university teacher,
- research associate
- head, deputy head of the educational organization,
- chief specialist.

b) Scope and objects of professional activity of the graduate

The scope of professional activity of graduates on the educational program «8D01301 – Pedagogy and methodology of primary education» are:

- the system of higher and postgraduate education;
- research organizations.

The objects of professional activity of graduates on the educational program «8D01301 – Pedagogy and methodology of primary education» are:

- higher educational institutions;
- research institutes and laboratories;
- pedagogical colleges;
- departments of education management;
- institutes of advanced training and retraining of personnel of the education system.

c) Types of professional activity of the graduate

- educational;
- management;
- research.

d) Functions of the graduate's professional activity:

– **teaching** – transmits educational information, teaches students to independently acquire knowledge and mobilize previous knowledge to obtain new ones, constructs training sessions taking into account the linguistic needs and requests of students, uses new learning technologies, including ICT, etc.; introduces students to the system of national and universal values; creates an atmosphere of collaboration, creativity, success for the development of a personality with the skills of the XXI century, shows commitment to the highest social values, to the ideas of humanistic pedagogy; familiarity with the system of universal and national values in their unity; builds the educational process taking into account the national priorities of Kazakhstan; focuses on the main goals and objectives of the modern education system.

– **management** – manages processes in the context of general trends in the development of education and science, the general strategic direction of the development of the organization of education; owns the basic principles and styles of management and leadership, as well as ways to improve the effectiveness of management; designs its own actions for the management of educational and cognitive and self-management of independent activity of the student; studies and evaluates the state of the socio-psychological climate in a team; manages his emotional state, giving him a constructive character; management based on the latest achievements in the use of the latest techniques and technology, domestic and foreign experience in education, the use of progressive forms of management and labor organization.

– **design** – owns the technologies of design and scientific research; designs scientific and methodological support of educational programs of university specialties; planning, coordination and implementation of research processes; designs the content of author's programs, integrated courses based on educational standards of all levels of education; design of teaching materials of the educational disciplines, author's courses in accordance with the mission and goals of the university.

– **research** – identifies problems, formulates hypotheses, conducts psychological and pedagogical research, implements the results of research into professional activity; comprehension of a new paradigm of development of society and education in the context of globalization and informatization, awareness of the need to develop new approaches and methods of pedagogical interaction of subjects of the educational process, taking into account the updating of the content of education; the ability to see problems in the education system, formulate hypotheses, analyze facts, identify cause-and-effect relationships, argue their own conclusions and generalizations, conduct experimental work, develop practical recommendations for improving the educational process.

17 Formulation of learning outcomes based on competencies

Type of competencies	Learning result code	Learning result (according to Bloom's taxonomy)
1. Behavioral skills and personal qualities: (Soft skills)	LO 1	He has the techniques of compiling and processing scientific documentation (scientific reports, articles in peer-reviewed journals, reports, reviews, abstracts, annotations), bibliography and references, business communication skills and working with electronic databases.
	LO 2	Selects the optimal and most effective forms of organization of the educational process in higher education, operates with psychological methods and means to improve the effectiveness and quality of education in conflict situations.
2. Professional competencies: (Hard skills)	LO 3	Has knowledge of modern methodology of pedagogy and applies advanced teaching technologies in higher education.
	LO 4	Applies techniques of effective communication in a professional environment, debates within the framework of business ethics.
	LO 5	Defines the types and forms of interaction, their place and role in nature, society and human consciousness.
	LO 6	Onstrates knowledge of modern approaches to social and humanistic and natural science knowledge and their comparability; defines the driving forces and principles of the learning process in higher education; reveals the features of modern didactic concepts in higher education.
	LO 7	Owns the methodology and methodology of scientific research, determines the problem of research, organizes, conducts, interprets experimental data; evaluates and implements the results of scientific research in practical activities.
	LO 8	Analyzes the essence and functions of scientific theories that determine the professional type of thinking of a teacher; explores the logical construction of a system of pedagogical knowledge that affects the formation of pedagogical thinking.

18 Determination of modules of disciplines in accordance with the results of training

Learning result code	Name of the module	Name of disciplines	Value (ECTS)
LO 1 LO 5 LO 2 LO 7	Methodological foundations of the study	Academic writing (in English)	5
		Methods of scientific research	5
LO 4	Theory and practice of teacher personality formation	Professional ethics	5
LO 1 LO 3 LO 6 LO 8		Teachihg practice	10
LO 1 LO 6 LO 7 LO 8		Research practice	10
LO 3 LO 6	Methodology of pedagogy: history and modernity	Philosophy and methodology of pedagogy Philosophical and methodological foundations of modern education	5
LO 6 LO 8		Culture and spiritual values in modern society Pedagogical thinking: theory and practice	5
LO 1 LO 2 LO 5 LO 6 LO 7 LO 8	Research work by a doctoral candidate	Research work by a doctoral candidate, including internships and doctoral thesis	123
	Final assesment	Writing and defending doctoral thesis	12
	Total		180

19 Matrix of achievability of learning outcomes

NN	Name of disciplines	Brief description of the discipline	Earned hours	Generated learning outcomes (codes)							
				LO 1	LO 2	LO 3	LO 4	LO 5	LO 6	LO 7	LO 8
General modules University component											
D1	Academic writing (in English)	The discipline is studied in order to form competencies related to analytical research and textual activities; skills of analytical-synthetic, critical and pragmatic thinking. In the process of studying the discipline, the types, methods and ethical principles of writing scientific texts, the principles of constructing a scientific text and preparing it for publication, the design of a bibliographic list, the basic rules for quoting scientific literature, the types of annotations and the features of their compilation, reviewing a scientific text are considered.	5	+				+			
D2	Methods of scientific research	The discipline is studied in order to form the skills of doctoral students to carry out independent research activities; the use of scientific research methods to achieve the objectives set in the dissertation research; the use of methods of processing empirical data on the topic of their dissertation research.	5		+					+	
D3	Teaching practice	The ability to be guided by normative legal documents regulating the educational process in higher education organizations; rationally plan and organize their activities and the activities of students; choose the best methods and techniques to achieve the set learning goals; analyze the pedagogical activities of teachers of higher education institutions; use modern technologies in the process of vocational training.	10	+		+			+		+
Component of choice											
D4	Philosophy and methodology of pedagogy	The discipline is studied in order to form knowledge of the methodology of pedagogy in the system of methodological knowledge. Examines the methodological cultures of the teacher, the general scientific level of the methodology of pedagogy. Knowledge about the humanistic methodology of pedagogy is being formed. The concept of "pedagogical values" and their classification are considered.	5			+			+		
	Philosophical and methodological foundations of modern education	"Philosophical and methodological foundations of modern education" is studied in order to form knowledge about science and its place in culture, philosophical problems and paradigms of modern natural science, the boundaries and possibilities of scientific knowledge. The philosophical and methodological problems of social and humanitarian knowledge, actual problems of modern science in general and modern Kazakh education are considered.									
Specialty oriented modules University component											
D5	Professional ethics	It is studied in order to form an idea of the techniques of effective communication and professional activity, methods of self-regulation of behavior in the process of interpersonal communication. Knowledge about professional ethics and etiquette, business etiquette is being formed. The article considers the ethno-cultural features of the etiquette of business meetings, the features of the etiquette of the relationship of a specialist with various subjects of professional communication.	5				+				

NN	Name of disciplines	Brief description of the discipline	Earned hours	Generated learning outcomes (codes)							
				LO 1	LO 2	LO 3	LO 4	LO 5	LO 6	LO 7	LO 8
D6	Research practice	The research practice of doctoral students of the scientific direction is carried out at the place of execution of the dissertation in order to familiarize themselves with the latest theoretical, methodological and technological achievements of domestic and foreign science, with modern methods of scientific research, processing and interpretation of experimental data in the dissertation research. The content of the research practice is determined by the topic of the doctoral student's dissertation research.	10	+					+	+	+
		Component of choice									
D7	Culture and spiritual values in modern society	The discipline is studied in order to form knowledge about culture as a social factor, the driving force of society. Ethnic culture, the development of culture and society, the development and understanding of the culture of society are considered. An idea of the concepts of "civilized man", "spiritual values", "human values", "universal values", "values of education" is givten.	5						+		+
	Pedagogical thinking: theory and practice	The discipline is studied in order to form students' cognitive interest in the study of modern achievements of pedagogical science and practice in the field of pedagogical thinking. The issues of the structure of pedagogical thinking, the essence of the concept of "pedagogical thinking", the influence of systemic pedagogical knowledge on the formation of pedagogical thinking of students are considered.									
		Research work by a doctoral thesis									
D8	Research work by a doctoral candidate	Research work (RWDS) in doctoral studies is aimed at the formation of professional, research competence, theoretical and applied knowledge in the field of current trends in modern science. The research work included in the educational process provides for the performance of educational tasks, including during the practice period, when performing term papers and dissertations. Within the framework of RWDS, the preparation of analytical reviews of the state of scientific problems, conducting scientific experiments.	123	+	+			+	+	+	+

20 Coordination of the planned learning outcomes with the methods of teaching and evaluation within the module

Codes of LO	Planned learning outcomes for the module	Teaching methods	Assessment methods
LO1	He has the techniques of compiling and processing scientific documentation (scientific reports, articles in peer-reviewed journals, reports, reviews, abstracts, annotations), bibliography and references, business communication skills and working with electronic databases.	case study method	developing a case writing an article
LO2	Selects the optimal and most effective forms of organization of the educational process in higher education, operates with psychological methods and means to improve the effectiveness and quality of education in conflict situations.	communication training	situation analysis
LO3	Has knowledge of modern methodology of pedagogy and applies advanced teaching technologies in higher education.	business role-playing game discussion	reflection of the participants of the game
LO4	Applies techniques of effective communication in a professional environment, debates within the framework of business ethics.	heuristic question method	writing an essay
LO5	Defines the types and forms of interaction, their place and role in nature, society and human consciousness.	active seminar	colloquium
LO 6	Onstrates knowledge of modern approaches to social and humanistic and natural science knowledge and their comparability; defines the driving forces and principles of the learning process in higher education; reveals the features of modern didactic concepts in higher education.	the method of voting «for – against»	presentation creative task
LO 7	Owns the methodology and methodology of scientific research, determines the problem of research, organizes, conducts, interprets experimental data; evaluates and implements the results of scientific research in practical activities.	project training	preparation of the project report (public presentation)
LO 8	Analyzes the essence and functions of scientific theories that determine the professional type of thinking of a teacher; explores the logical construction of a system of pedagogical knowledge that affects the formation of pedagogical thinking.	research method	abstract

21 Criteria for assessing the achievability of learning outcomes

Codes of LO	Criteria
LO1	**Knows:** basic concepts, theories, concepts and principles of presentation of academic and scientific information, understands the mechanisms of their implementation.
	Can: compile bibliographic records, correct errors in incorrect bibliographic records, translate bibliographic records from one system to another.
	Owns: different genres of academic writing, text editing skills, is able to make a bibliographic record.
LO2	**Knows:** the optimal and most effective forms of organization of the educational process in higher education.
	Can: influence the socio-psychological climate in the direction necessary to achieve goals, assess the quality of performance results.
LO3	**Knows:** features of professional activity, its role in society.
	Can: identify and use the opportunities of professional activity in the organization of the educational environment.
	Owns: methods and techniques for identifying and using the opportunities of the educational environment.
LO4	**Knows:** the main provisions of the methodology and methodology of psychological and pedagogical training of future specialists for professional activity, about the essence of the concept of "the content of education in higher education".
	Can: analyze the factors that determine the requirements for the quality of training of future specialists.
	Owns: modern methods of research in the field of education; ways of understanding and critical analysis of scientific information.
LO5	**Knows:** the essence, content, patterns, principles, functions of professional ethics, the relationship of the concepts of "morality" and "morality".
	Can: use the acquired knowledge, skills and abilities in the process of planning, organizing and implementing pedagogical activities.
	Owns: the skills of studying pedagogical phenomena from the point of view of the historical approach.
LO 6	**Knows:** modern approaches to socio-humanitarian and natural science knowledge; the structure and content of the methodology of pedagogy in the system of methodological knowledge.
	Can: determine the driving forces and principles of the learning process in higher education.
	Owns: skills to improve and develop their scientific potential
LO 7	**Knows:** theoretical prerequisites for the development of science in philosophical analysis, forms and methods to scientific, scientific and extra-scientific cognition.
	Can: formulate and solve research tasks that arise in research activities and require in-depth scientific and pedagogical knowledge.
	Owns: techniques and methods of scientific research.
LO 8	**Knows:** he essence and functions of scientific theories, which are the basis for the formation of professional thinking
	Can: analyze and evaluate various pedagogical theories, critically evaluate various approaches and concepts in the field of pedagogy, as well as the ability to introspect one's own pedagogical thinking and practice.
	Owns: teaching techniques and methods based on scientific theories. Effectively applies various educational strategies, adapting them to the individual needs and characteristics of students.

22 Attributes of a doctoral graduate

Deep professional knowledge in their field of study.
Interest in mastering trends in education and science.
Ability to collaborate in the professional community.
Independence in the search for opportunities for professional and personal development.
Wavelengthmanship.
Tolerance and good manners.
Academic honesty.
Willingness to participate in the solution of public problems and strategies of Kazakhstan.

The graduate model of the educational program

Types of competencies	Description of competencies
1. Behavioral skills and personal qualities (Soft skills)	Critically evaluates and focuses on theories, concepts and directions in the discipline under study, actively uses scientific achievements of other disciplines; is able to independently and creatively solve complex problems in a non-standard situation and find effective, creative ways to solve them. Critically analyzes, evaluates and compares new and complex ideas; is able to work both independently and in a group (in a team).
2. Professional competencies (Hard skills)	Freely applies information and communication technologies in order to ensure the quality of the pedagogical process in the organization of education. Demonstrates professional issues in online pedagogical communities, expanding the trajectory of his professional growth and personal development. Applies scientific terminology (including in a foreign language), stylistically competent, logically correct presentation of the answer to questions. Analyzes the methodology of scientific cognition, scientific writing and scientific communication; understands the achievements of world and Kazakh science in the relevant field. Conducts independent scientific research, characterized by academic integrity, based on modern theories and methods of analysis. Conducts practice-oriented research work within the framework of research issues. Plans and forecasts his further professional development.

Developers:

Members of the working group:

Head of the Department of pedagogy and methodology of primary education, Candidate of pedagogical sciences   S.A. Odinsova

Associate professor of the Department of pedagogy and methodology of primary education, Candidate of pedagogical sciences   A.O. Mukhametzhanova

Doctoral student of the 3rd year of the specialty 8D01301- Pedagogy and methodology of primary education   K.B. Kopbalina

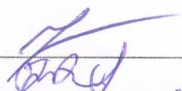The educational program was reviewed by the Faculty Council from _28.02.2024_ protocol № _7_
The educational program was reviewed at the meeting of the Academic Council from _29.04.2024_ protocol № _5_
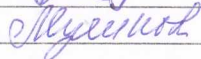The educational program was reviewed and approved at the meeting of the University Board from _24.05.2024_ protocol № _8_

Board Member, Vice-Rector for Academic Affairs   **M.M. Umurkulova**
Director of the Department for Academic Work   **T.M. Khassenova**
The Dean of the faculty of education   **S.A. Mulikova**