

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 No. 1 21.06.2024

\_\_\_\_\_  
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 No. 5 21.06.2024

\_\_\_\_\_  
ДИРЕКТОР  
КЕҢЕС  
СОВЕТ  
ДИРЕКТОРОВ

**EDUCATIONAL PROGRAM**

**8D01102- Psychology of education**

**Level: Doctoral studies (PhD)**

Karaganda,  
2024

APPROVAL SHEET

EDUCATIONAL PROGRAM “8D01102- Psychology of education”

"AGREED"



Director of the Institute of Psychology and Social Sciences LLP

\_\_\_\_\_  
Professor S.K. Zhantikeyev

“ 18 ” 04 2024 у.

"AGREED"



President of the «Kazakh psychological society»

\_\_\_\_\_  
Professor Perlenbetov M.A.

“ 22 ” 04 2024 у.

**The educational program in the direction of training "8D01102- Psychology of Education" is developed on the basis of:**

- Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III «On Education» (with amendments and additions as of 24.11.2021);
  - Law of the Republic of Kazakhstan dated July 11, 1997 No. 151-I. «On languages in the Republic of Kazakhstan»
  - The State compulsory standard of postgraduate education dated 20.07.2022 No. 2
  - The National Qualifications Framework of March 16, 2016 by the Republican Tripartite Commission on Social Partnership and Regulation of Social and Labor Relations;
  - Order of the Ministry of Education and Science of the Republic of Kazakhstan «On approval of the Rules for the organization of the education process of credit psychology» dated 20.04. 2011 No.152 (with amendments and additions dated 11.08.2023)
  - Classifier of areas of training with higher and postgraduate education dated October 13, 2018 No. 569. (with amendments and additions dated 12.08. 2023)
- Professional standard for teachers (teaching staff) of higher and (or) postgraduate education organizations, approved by Order of the Minister of Education and Science and Higher Education of the Republic of Kazakhstan No. 591 dated November 20, 2023.
- Professional standard «Science (scientific, scientific and technical activities)», «Higher and postgraduate education (pedagogical and methodological activities)» (Approved by Letter of the Ministry of Health of the Russian Federation dated 10.07.2015 No. 10-3-16/14215)
  - Standard «Teacher», approved by Order of the Ministry of Education of the Republic of Kazakhstan No. 500 dated 15.12.2022;

## Content

<b>№</b>	<b>Passport of the educational program</b>	<b>Page</b>
1	Code and name of the educational program	4
2	Code and classification of the field of education, areas of training	4
3	Group of educational programs	4
4	Volume of credits	4
5	Form of learning	4
6	Language of learning	4
7	Degree awarded	4
8	Type of EP	4
9	ISCE level	4
10	NQF level	4
11	SQF level	4
12	Distinctive features of the EP	4
13	Number of the application to the license for the direction of personnel training	4
14	Name of the accreditation organisation and the period of validity of the EP accreditation	4
15	Goal of the EP	4
16	Qualification characteristics of a graduate	4
a)	List of graduate positions	4
b)	Sphere and objects of professional activity of the graduate	4
c)	Types of professional activity of the graduate	4
d)	Functions of the graduate's professional activity	5
17	Formulation of learning results based on competencies	6
18	Definition of modules of disciplines in accordance with learning results	7
19	Achievability matrix of learning results	8
20	Aligning planned learning results with teaching and assessment methods within the module	11
21	Criteria for assessing the achievability of learning outcomes	12
22	Graduate Model	13

## Passport of the educational program

- 1. Code and name of the educational program:** "8D01102- Psychology of Education"
- 2. Code and classification of the field of education, areas of training:** 8D01 – Pedagogical Sciences, 8D011 – Pedagogy and Psychology.
- 3. Group of educational programs:** D001 – Pedagogy and psychology
- 4. Volume of credits:** 120 ECTS
- 5. Form of learning:** full-time
- 6. Language of learning:** Kazakh and Russian.
- 7. Degree awarded:** Doctorate
- 8. Type of OP:** active.
- 9. ISCE level:** Level 8.
- 10. NQF Level:** Level 8.
- 11. SQF level:** Level 8.
- 12. Distinctive features of the EP:** none.
- 13. Number of the application to the license for the direction of personnel training:** license KZ83LAA00018495, No. 016 dated 28.07.2020.
- 14. Name of the accreditation organisation and the period of validity of the EP accreditation:**  
Certificate of specialized accreditation SA-A No. 0174/6 of the NAOKO agency 23.12.2019 – 20.12.2024
- 15. EP purpose:** Preparation of qualified and competitive specialists demanded by the national education system, motivated for educational, research, administrative activities in accordance with the professional standard of education.
- 16. Qualification characteristics of the graduate:**
  - a) List of graduate positions:** university teacher, specialist of the education department, head of the education organization, head of the research institute, deputy head of the education organization, deputy head of the research institute, researcher.
  - b) Sphere and objects of professional activity of the graduate:**
    - higher education institutions;
    - teacher training colleges;
    - research organizations;
    - departments of Education;
    - institutes of advanced training and retraining of personnel of the education system;
    - research institutes and laboratories;
    - pPublic administration bodies;
    - commercial organizations.
  - c) Types of professional activity of the graduate:**
    - pedagogical;
    - management;
    - research.

**d) Functions of the graduate's professional activity:**

- teaching - carries out educational and methodological support of the educational process, improves the level of its qualifications, determines the methods and techniques of teaching and upbringing, develops educational materials, using innovative teaching technologies;
- management - manages processes in the context of general trends in the development of education and science, the general strategic direction of development of educational institutions, interacts with the professional community and with all stakeholders;
- research - organizes and conducts psychological and pedagogical research, implements the results of the study in professional activities.

## Formulation of learning outcomes based on competencies

Type of competencies	Learning outcomes Code	Learning outcome (according to Bloom's taxonomy)
1. Behavioral skills and personality traits: (Soft skills)	LO 4	Applies an interdisciplinary approach to the study of topical problems of the psychology of education, uses a toolkit of related disciplines for building training, diagnostics, and correction programs
	LO 5	Analyzes and compares various theoretical concepts in the field of study and related fields, formulates the subject and object of research
	LO 6	Integrates general scientific and special research methods, experiments within the framework of dissertation, suggests ways to implement research results in related fields of activity
	LO 9	Applies the principles of academic literacy and academic writing to write articles of an interdisciplinary nature, including in English
	LO 2	Interprets approaches to socio-humanitarian and natural science knowledge, synthesizes ideas of a systemic interdisciplinary nature that contribute to the scientific and technological process
2. Professional competencies: (Hard skills)	LO 1	Plans and implements the process of scientific research, puts into practice the results of the study
	LO 3	Analyzes the available information, selects scientific publications, prepares analytical reviews, scientific publications, reviews them
	LO 7	Applies modern innovative teaching technologies in higher education, assesses the needs of the subjects of the educational process, develops educational and methodological materials and practical recommendations for higher education courses, programs to support educational activities, offers schemes for designing the educational environment at the university
	LO 8	Analyzes statistical data and graphically illustrates information, freely applies methods of quantitative and qualitative processing of research results, applies informational-communicational technologies
	LO 10	Applies the necessary research methods, modifies and adapts existing research methods and develops new methods based on the objectives of a particular study

## Definition of modules of disciplines in accordance with learning outcomes

Code of learning outcomes	Name of module	Name of discipline	Amount of credits (ECTS)
LO 8 LO 2	Methodological basics of research	Academic writing (in English)	5
LO 3 LO 5		Methods of scientific research	5
LO 1 LO 4	Practice-oriented directions in pedagogical psychology	Psychology of pedagogical influence	5
LO 1 LO 7		Pedagogical practice	10
LO 3 LO 9		Research practice	10
LO 10 LO 6	Theoretical and methodological aspects of pedagogical psychology	Psychology of educational environment	5
LO 10 LO 6		Innovative methods in education	5
LO 4		Actual problems of psychology of education: comparative analysis of domestic and foreign studies	
LO 9 LO 1 LO 7	Research work by a doctoral candidate	Psychological problems of socialization in the education system	123
	Final assessment	Research work of the doctoral candidate, including internships and doctoral thesis	
		Writing and defending doctoral thesis	12



## Achievability matrix of learning results

NN	Name of discipline	Brief description of the discipline	Amount of credits	Formed learning results (codes)									
				LR 1	LR 2	LR 3	LR 4	LR 5	LR 6	LR 7	LR 8	LR 9	LR 10
Cycle of basic disciplines University component													
D 1	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		+						+		
D 2	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			+		+					
D 3	Pedagogical practice	The purpose of pedagogical practice is to form and develop the practical skills of doctoral students and skills of professional and pedagogical activity, to master the skills of conducting various types of training sessions and preparing educational and methodological materials, managing the learning process of subjects of educational activity, taking into account the latest achievements of psychology and pedagogy.	10	+						+			
Cycle of core disciplines University component													
D 4	Psychology of pedagogical influence	The discipline introduces the essence of pedagogical influence, its types, mechanisms and patterns. The strategies of influence, its conditions, characteristics, means and models are highlighted. The issues of constructing situations of pedagogical impact, their structural components are disclosed. The problems of psychological safety in the	5	+			+						

		implementation of pedagogical influence on the student are touched upon.											
D 5	Research Practice	The purpose of research practice is the preparation of doctoral students for professional scientific activities and is carried out with the aim of collecting, analyzing and summarizing scientific material, developing original scientific ideas for the preparation of a dissertation research, improving the skills of independent and joint research work, organizing various forms of scientific cooperation.	10			+						+	
Cycle of core disciplines Elective component													
D 6	Psychology of educational environment	The concept of the educational environment. The main models of the educational environment. Typology of educational environment. Psychological and pedagogical design of the educational environment. Psychological features of perception of the educational environment. Psychological foundations of spatially-subject educational environment. Preschool, school, yard, family, professional educational environment. Basic psychological approaches to learning and development: didactic, didactic-psychological	5						+				+
	Innovative methods in education	The purpose of the discipline is the development of professional competencies among doctoral students in innovative educational activities. The discipline introduces the concepts of innovation and innovation; with modern innovative processes in education; with the basics of designing an educational environment of an innovative nature and the implementation of pedagogical innovations, taking into account domestic and international experience.							+				+
Cycle of basic disciplines Elective component													
D 7	Actual problems of educational psychology: a comparative analysis of domestic and foreign research	The actual problems of the psychology of education in the domestic and foreign context are considered. The discipline teaches the skills of comparison and critical analysis of various approaches to understanding the goals and objectives, the subject of psychological and pedagogical theoretical and practical research, trends in the development of educational psychology, reflected in Kazakhstan and foreign literature.	5			+		+					+

	Psychological problems of socialization in the education system	The discipline considers the process of socialization of the student's personality in the context of the educational space. The essence, principles, age stages, factors, mechanisms and institutions of socialization are considered. The educational process as a factor of socialization is analyzed. The methods and techniques of organizing and managing the social development of the individual of the subjects of the educational process are trained.					+		+				+
Research work of the doctoral student													
D 8	Research work of the doctoral student, including internship and doctoral dissertation	The discipline forms the skill to formulate independently scientific problems and solve problems that arise in the course of research activities and require in-depth professional knowledge; choose the necessary methods and methods of research, analyze and interpret the results of the study. The discipline forms the skill to formulate independently scientific problems and solve problems that arise in the course of research activities and require in-depth professional knowledge; choose the necessary methods and methods of research, analyze and interpret the results of the study.	123	+						+		+	

## Aligning planned learning outcomes with training and assessment methods within the module

<b>Learning outcomes</b>	<b>Planned learning outcomes for the module</b>	<b>Teaching methods</b>	<b>Assessment methods</b>
LO 1	Plans and implements the process of scientific research, puts into practice the results of the study	independent work with literature	writing a review of an article
LO 2	Interprets approaches to socio-humanitarian and natural science knowledge, synthesizes ideas of a systemic interdisciplinary nature that contribute to the scientific and technological process	case study	writing conclusions and recommendations
LO 3	Analyzes the available information, selects scientific publications, prepares analytical reviews, scientific publications, reviews them	interactive lecture	writing an analytical review
LO 4	Applies an interdisciplinary approach to the study of topical problems of the psychology of education, uses a toolkit of related disciplines for building training, diagnostics, and correction programs	project-based learning	preparing a presentation
LO 5	Analyzes and compares various theoretical concepts in the field of study and related fields, formulates the subject and object of research	discussion	oral presentation
LO 6	Integrates general scientific and special research methods, experiments within the framework of dissertation, suggests ways to implement research results in related fields of activity	creative tasks	portfolio preparation
LO 7	Applies modern innovative teaching technologies in higher education, assesses the needs of the subjects of the educational process, develops educational and methodological materials and practical recommendations for higher education courses, programs to support educational activities, offers schemes for designing the educational environment at the university	brainstorm	holding a colloquium
LO 8	Analyzes statistical data and graphically illustrates information, freely applies methods of quantitative and qualitative processing of research results, applies informational-communicational technologies	debate	oral presentation
LO 9	Applies the principles of academic literacy and academic writing to write articles of an interdisciplinary nature, including in English	project-based learning	preparing a presentation
LO 10	Applies the necessary research methods, modifies and adapts existing research methods and develops new methods based on the objectives of a particular study	Socratic dialogue	group discussion

## Criteria for assessing the achievability of learning outcomes

Codes of LO	Criteria
LO 1	<b>Knows:</b> the specifics of writing and promoting scientific publications
	<b>Can:</b> navigate scientific information resources and computer technologies
	<b>Owens:</b> skills in organizing international research and publications
LO 2	<b>Can:</b> generate innovative ideas of a complex interdisciplinary nature
	<b>Owens:</b> skills in construct diagnostic tools, developing and corrective programs
LO 3	<b>Knows:</b> rules and principles of business and scientific correspondence
	<b>Can:</b> share research findings with the general public
	<b>Owens:</b> foreign language to build international professional cooperation
LO 4	<b>Knows:</b> algorithm for planning and implementing scientific research
	<b>Can:</b> use digital technologies in teaching and research activities
LO 5	<b>Can:</b> interpret and compare theoretical concepts of psychological and pedagogical knowledge
	<b>Owens:</b> analytical, critical, predictive and creative thinking skills
LO 6	<b>Can:</b> carry out statistical processing and interpretation of research results
	<b>Owens:</b> skills of analysis and application of the obtained results
LO 7	<b>Knows:</b> history and methodology of psychological and pedagogical science
	<b>Can:</b> use the acquired knowledge for professional self-development
LO 8	<b>Knows:</b> prerequisites, directions and patterns of development of modern psychological and pedagogical science
	<b>Can:</b> develop research projects at the regional, republican and international levels
	<b>Owens:</b> skills in developing digital educational resources
LO 9	<b>Can:</b> develop and use educational technologies
	<b>Owens:</b> ways of organizing, managing and evaluating the educational process
LO 10	<b>Knows:</b> norms and rules of interaction in the scientific community
	<b>Can:</b> build a categorical apparatus and the process of scientific research
	<b>Owens:</b> the ability to argue and defend one's scientific position

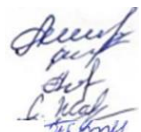
**Attributes of a doctoral graduate:** deep professional knowledge in their field of study, interest in mastering trends in the field of education and science, the ability to collaborate in the professional community, independence in the search for opportunities for professional and personal development, sociability, tolerance and upbringing, academic honesty, willingness to participate in solution of state tasks and strategies of Kazakhstan.

**Graduate Model**

Competency Types	Competency Description
1. Behavioral skills and personality traits (Soft skills)	<ul style="list-style-type: none"> <li>- knowledge of pedagogical and scientific ethics;</li> <li>- Possession of highly developed emotional and social intelligence; teamwork and leadership skills;</li> <li>- knowledge of a foreign language to build international professional cooperation;</li> <li>- flexibility, mobility, adaptability and stress resistance;</li> <li>- customer orientation and entrepreneurship;</li> <li>- possession of skills in the development and use of educational technologies;</li> <li>- management of time and personal resources.</li> </ul>
2. Professional competencies (Hard skills)	<ul style="list-style-type: none"> <li>- knowledge and understanding of the prerequisites, directions and patterns of development of modern psychological and pedagogical science;</li> <li>- the ability to use the acquired knowledge to form one's own worldview and professional self-development;</li> <li>- possession of the skills of independent planning and implementation of scientific research, analysis and application of the results obtained;</li> <li>- understanding of the ways of organizing, managing and evaluating the educational process.</li> </ul>

**Developers:**

Members of the working group:  
 Head of the Department of Psychology  
 Associate Professor of the Department of Psychology  
 Associate Professor of the Department of Psychology

  
 Algozhina A.R.  
 Kapbasova G.B.  
 Alibayeva R.T.  
 Zhenis A.K.

Graduate student of the educational program

The educational program was reviewed by the faculty council from 25.04.2024 protocol № 3  
 The educational program was reviewed at a meeting of the Academic Council from 29.04.2024 protocol № 5  
 The educational program was reviewed and approved at a meeting of the University's Management Board from 24.05.2024 protocol № 8

**Board Member-Vice-Rector for Academic Affairs**  
**Director of the Academic Work Department**  
**Dean of the Faculty of Philosophy and Psychology**

  
**M.M. Umurkulova**  
**T.M. Khasenova**  
**A.D. Makatova**

**EDUCATIONAL PROGRAM DEVELOPMENT PLAN  
«8D01102- Psychology of Education»**

<b>№</b>	<b>Indicators</b>	<b>Unit of measurement</b>	<b>2024-2025</b>	<b>2025-2026</b>	<b>2026-2027</b>	<b>2027-2028</b>
<b>1</b>	<b>Human resources development</b>					
1.1	Increase in the number of teachers with academic degrees	Number of people			1	
1.2	Advanced training in the teaching profile	Number of people	1	1	1	1
<b>2</b>	<b>Promotion of the EP in the ratings</b>					
2.1	IAAR	Position	8	6	5	5
<b>3</b>	<b>Development of educational and scientific-methodical literature, electronic resources</b>					
3.1	Training manuals	Number	1		1	
3.2	Electronic textbook	Number		1		1
3.3	Video/audio lectures	Number	1		1	
<b>4</b>	<b>Development of educational and laboratory facilities</b>	Number				
4.1	Purchase of software products	Number		1		1
4.2	Purchase of equipment	Number			1	
<b>5</b>	<b>Updating the content of the EP</b>					
5.1	Updating the learning outcomes and the list of disciplines taking into account the requirements of the labor market, scientific achievements, professional standards	Year		+		

Head of the department of Psychology



A.R. Algozhina