EDUCATIONAL INSTITUTION «ALIKHAN BOKEIKHAN UNIVERSITY»

MODULAR EDUCATIONAL PROGRAMS

8D01101 – «PEDAGOGY AND PSYCHOLOGY»

Semey, 2022

Developed by the Department of Pedagogy and Psychology

Discussed and approved at the meeting of the Department of Pedagogy and Psychology
(protocol № 16 of 20.05.22)

Reviewed and recommended for approval at a meeting of the Academic Quality Council of the Faculty of Humanities
(Protocol № 5 of 05/25/12)

Reviewed and approved at the meeting of the Educational and Methodological Council of the University
(Protocol № 5 of 27.05.22)

Revised and recommended for re-approval at the meeting of the Academic Council for the Quality of the Faculty of Humanities
(Protocol No. 1 of 16.09.22)

Revised and re-approved at the meeting of the Educational and Methodological Council of the University
(protocol № 1 of 22.09.22)

CONTENT

I. EXPLANATORY NOTE

The modular educational program (MA) is designed in accordance with:

- The State standard of higher and Postgraduate education, approved by the Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 №. 2
- Rules for the organization of the educational process on credit technology of education, approved by the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated April 20, 2011 №. 152
- Standard rules for the activities of organizations of higher and (or) postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 №. 595
- Professional standard "Teacher", appendix to Order №. 133 of June 8, 2017
- On the structure of the modular educational program approved by the Academic Council of the University (revision №. 4 of 05.10.2022 instead of redaction № 3 of 08.10.2021 (normative documents of the Educational institution "Alikhan Bokeikhan University")

The Modular educational program (MOE) was compiled in accordance with the Law of the Republic of Kazakhstan dated July 27, 2007 "On Education", approved by the Decree of the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604. Registered with the Ministry of Justice of the Republic of Kazakhstan on November 1, 2018 No. 17669 (as amended on May 5, 2020 by the Order MONRK No. 182), Professional standard "Teacher", appendix to Order No. 133 of June 8, 2017. Appendix to the order 1. MYUMBS RK. Doctoral studies approved by the Order of the Ministry of Education and Culture of the Republic of Kazakhstan dated October 31, 2018 No. 604 (as amended by the Order of the Ministry of Education and Culture of the Republic of Kazakhstan dated May 5, 2020 No. 182), according to the Decree of the Government of the Republic of Kazakhstan dated October 31, 2018.it is made on the basis of the basic rules approved by the resolution. SES of Postgraduate Education of the Republic of Kazakhstan, approved by Order No. 2 of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 20.07.2022.

The block of basic disciplines (DB) consists of 20 credits, of which the disciplines of the university component (VC) – 2 credits, pedagogical practice – 10 credits, the component of choice KV – 5. Modules of these disciplines form a complex of general professional competence that includes teaching and educating functions.

The PD block includes disciplines of the university component (VC) - 20 credits; research practice - 10 credits, elective component – 5 credits. Research work of a doctoral student including the completion of a doctoral dissertation 123 credits and Final Certification - 12 credits. Modules of these disciplines allow to form a special set of competencies acquired by the graduate personal and professional competencies.

The educational program for the preparation of a Doctor of Philosophy (PhD) has a scientific and pedagogical orientation and assumes fundamental educational, methodological and research training and in-depth study of disciplines in the relevant areas of sciences for the system of higher and postgraduate education.

The purpose of the modular educational program: Training of highly qualified scientific and pedagogical personnel capable of research and innovation based on in-depth study of the methodology of psychological and pedagogical science.

Expected results (graduate competencies)

Upon successful completion of this educational program 8D01101 «Pedagogy zhane psychology , the master will be able to:

- Form the essence of the concepts of "philosophy of education", (pedagogical philosophy, "methodology of pedagogy", "methodology of psychological and pedagogical research".(ON 1)
- To form an idea of the worldview position on professional, socio-psychological, pedagogical, multicultural, research and self-development competencies.(ON 2)To classify the main stages of the development of psychological and pedagogical activity, the normative foundations of professional readiness, to recognize scientific schools of the relevant branch of knowledge, their theoretical and practical developments.(ON 3)Use

scientifically-based methods of psychological and pedagogical activity; possess modern scientifically-based technologies for organizing the collection of professionally important information, data processing, their interiorization, and gnosiological foundations of research. (ON 4)

- Develop your own original research to expand the boundaries of the scientific field, predict the results of scientific research. (ON 5)
- Develop the skills of writing and oral speech activity in the scientific field, understanding scientific speech and reading scientific literature, determine and correlate with the latest scientific achievements, modern methods and methods of scientific research, master the skills of processing and interpreting the results of experiments. (ON 6)
- To form professionally significant personal qualities in students, to develop professional skills and abilities, as well as the needs for pedagogical self-education, to organize creative and research approaches to pedagogical and psychological activities. (ON 7)

II GRADUATE COMPETENCE MODEL

#	COMPETENCIES	Labor functions
1	General Professional	Labor function 1 teaching 2 educating
2	Personal and professional	Labor function 3 methodological 4 research 5 social and communicative

TRAINING COMPETENCE:

Knowledge:

- methodologies for integrating interdisciplinary knowledge;
- cspecial field in integration with innovative technologies for the formation of professional competencies of students and researchers;
- theories and practices of social interaction in a multicultural and multilingual environment

Skills and abilities:

- conducts all types of classes at the university based on the integration of knowledge in the special field and in the field of higher education;
- conducts all classes at the university using innovative technologies for the formation of professional competencies of students and researchers.

EDUCATIONAL COMPETENCE:

Knowledge:

- higher school pedagogy;
- psychology of students;
- features of the educational process at the university;
- principles and methods of integrating social values in the formation of professionally significant qualities of future specialists;
- principles and methods of integrating universal and ethno-national values;
- factors contributing to social cohesion, civic identity, and Kazakhstan's patriotism

Skills and abilities:

- observes pedagogical tact, the rules of pedagogical ethics;
- shows respect for the personality of students;
- adheres to a democratic style in relations with students;
- shows commitment to the highest social values, to the ideas of humanistic pedagogy;
- shows commitment to the system of universal and national values in their unity;
- builds the educational process taking into account the national priorities of Kazakhstan;
- shows the ability to resist any kind of discrimination, extremism.

METHODOLOGICAL COMPETENCE:

Knowledge:

- methods of developing and implementing educational programs of higher education specialties, as well as taking into account the training of multilingual personnel;

Skills and abilities:

- defines individual trajectories of students 'and researchers' education, taking into account global trends and strategies for the development of higher education;
- integrates the content of linguistic and non-linguistic disciplines in the framework of educational programs of higher and postgraduate education, taking into account the training of multilingual personnel;
- defines the content of the course (module)

RESEARCH COMPETENCE:

Knowledge:

- philosophy of science and education;
- methodology of psychological and pedagogical research;
- methods of fundamental and applied research in a special field;
- methods of drawing up and developing research projects;
- methods of organizing and conducting scientific research in the field of pedagogy, psychology and in the special field

Skills and abilities:

- develops new knowledge in a special field, in the field of theory and methods of professional education;
- predicts the results of ongoing scientific research in the context of social, economic, and environmental consequences of the introduction of scientific results into practice; directs scientific research of students, undergraduates, and doctoral students to conduct psychological observation;;
- develop and implement experimental research schemes,
- apply in practice a variety of additional methods of psychological research (testing, interviews, questionnaires, etc.);
- competently and psychologically correctly conduct various forms of psychological counseling;
- carefully and correctly apply the tools and tools of psychological diagnostics.
- perform comprehensive monitoring based on psychological and pedagogical diagnostics, analysis and synthesis; be capable of pedagogical reflection.
- computer psychodiagnostics and skilled work with computer diagnostic systems with subsequent psychological interpretation of large data sets.

SOCIALAND COMMUNICATIVE COMPETENCE:

Knowledge:

- principles, methods, and means of socio-economic adaptation of students to changes in society;
- in the field of communication technology, pedagogical rhetoric and conflictology, communication strategies

Skills and abilities:

- иencourages professional interaction with colleagues and foreign partners to improve the practice of education;
- ability to establish necessary contacts with other people, be understood, communicate easily and work in a group;

- creating a psychological climate in the group and in the team, disharmony of interpersonal relations;
- skills of innovative methods.

PERSONAL AND PROFESSIONAL COMPETENCIES:
Skills and abilities:

- rability to independently acquire new knowledge necessary for professional activities;
- ability to take part in scientific discussions in the academic and professional environment, as well as publish initial research results in academic publications of various levels;
  - ability to take responsibility for the results of professional activities;
  - ability to communicate successfully and positively in the state and other languages;
  - sociability, tolerance, oratory skills;
  - a high degree of activity in the development and application of new methods, forms and means of teaching and upbringing;
  - the ability to express their thoughts freely, adequately using a variety of language tools;
  - ability for successful and positive business communication in the state and other languages, sociability, tolerance

Table 1. Sequence development plans disciplines in the process formations special ones competencies

№	Competencies	List of mandatory and elective coursesdisciplines and their consistency studies		Expected results results
		List disciplines	the sequence of their study (sem)	
1	research, personal and professional competencies	Pedagogical design and pedagogical expertise	1	**Know:** scientifically based methods of psychological and pedagogical activity; modern scientifically based technologies for organizing the collection of professionally important information, data processing; goal-oriented attitudes and foundations for the implementation of projects; means of project activities. **Be able to:** develop their own original research to expand the boundaries of the scientific field, predict the results of scientific research; design educational activities; carry out joint pre-evaluation activities.
2	research, personal and professional competencies	Scientific activity in higher education	1	**Know:**methods and procedures for working with diverse arrays of scientific information, with scientific literature; current standards and rules for the preparation of scientific manuscripts for publication **Be able to:**to understand scientific speech and reading of scientific

				literature, to identify and correlate with the latest achievements of science; to apply means and techniques of scientific research; **Skills:**modern methods and methods of scientific research, skills of processing and interpretation of experimental results; skills of written and oral speech activity in the scientific field; competently present the results of their own scientific research and the ability to defend and justify the results obtained in a reasoned manner.
3	social and communicative, educational competencies	Psychological readiness for professional pedagogical activity	2	**Know:** the main stages of the development of psychological and pedagogical activity, the normative foundations of professional readiness, the theoretical foundations of the psychology of professional activity; to know the basic categories of psychology of professional activity; features of professional deformations of personality, reduction of professional performance; **Be able to:** recognize scientific schools of the relevant branch of knowledge, their theoretical and practical developments; adapt modern achievements of science to the educational process; to update and implement theoretical and empirical psychological knowledge in the pedagogical process; **Skills:**organization of a creative, research approach in pedagogical and psychological activities; improvement and development of their scientific potential; replenishment of professional knowledge based on the use of theoretical sources, including electronic resources.
4	social and communicative, educational competencies	Research culture of the teacher	2	**Know:** modern methods and methods of scientific research; theoretical foundations of the organization of research activities; current trends in the development of the educational system; principles of designing new curricula and developing innovative methods of organizing the educational process; principles of using **Be able to:**develop their own original research to expand the boundaries of the scientific field; use experimental and theoretical research methods in to predict the results of scientific research; to adapt modern achievements of science and high-tech technologies to the educational process; to master the resources of educational systems. **Skills:** of processing and interpretation of experimental results;; methods of analysis and critical evaluation of various theories, concepts, approaches; technologies of experimental work, participation in innovative processes

Table 2. Sequence development plans disciplines social and professional development interactions

Course	Providing servicesdisciplines	Competencies	Expected results results
1	Philosophy and methodology of pedagogy	Training program	**Know:** - methodology of scientific knowledge; - the essence of the concepts of "philosophy of education", (pedagogical philosophy, "methodology of pedagogy", "methodology of psychological and pedagogical research" - about the main stages of paradigm shift and development in the evolution of science; - achievements of world and Kazakh science in a certain field; **Be able to** - organization, planning and implementation of the research process; - planning, coordination, implementation of research processes; - planning and forecasting your professional development.
1	Academic writing	research projects, methodological guidelines	**Know:** basic concepts of the course, goals and objectives of analytical text processing in the modern information space; key features of academic writing genres and language norms; stylistic features of academic writing genres; principles of the communicative organization of scientific texts of different genres; rules for compiling bibliographic descriptions of printed publications and electronic resources, and making bibliographic footnotes. **Be able to:** determine the genre of the text belonging to the sphere of professional information; select keywords and style-forming elements of texts and perform their semantic analysis; summarize information and transmit the content of texts in the form of annotations, reviews, etc.; analyze the academic text from the point of view of stylistics and composition, the author's research strategy, and involvement in the scientific tradition; distinguish between" your "and" someone else's " words in a scientific work and correctly use other people's works in your own text; select language tools based on the goals and conditions of communication. Master the following skills: structural, semantic, linguistic, and communicative text analysis; bibliographic descriptions of printed publications and electronic resources; independent creation of an academic text in accordance with the peculiarities of the genre and the norms of the literary language; competent scientific citation; independent search for scientific information and its processing; working with print and electronic resources; structuring the text and building logical relationships in the text; public presentation and discussion of scientific work.
1	Methods of scientific research	research, personal and professional, methodological	**Know:** the initial-based methods of psychological and pedagogical activity, the special historical research methods and their examples, the formulation of the research problem; the theoretical and practical significance of the topic;

			Be able to: recognize scientific schools of the relevant branch of knowledge, their theoretical and practical developments; identify objects and subjects of research; identify research topics; analyze and compare the relevance and scientific novelty of research; **Skills:**possess modern science-based technologies for organizing the collection of professionally important information, data processing, their internalization, gnosiological foundations of research; basic skills of scientific analysis of research; independent assessment of the level of scientific development of the topic; selection of methodology and research methods; determination of the structure of research;
1	Fundamentals of research activities	Personal and professional issues	**Know:** scientifically based methods of psychological and pedagogical activity; A general idea of the structure and functions of methodical education; the systemic structure of psychological and pedagogical research and its scientific apparatus; general scientific and psychological and pedagogical research methods **Be able to:** develop their own original research to expand the boundaries of the scientific field, predict the results of scientific research; substantiate the methodology and main characteristics of the experiment, the data obtained during the psychological and pedagogical experiment **Skills:**modern science-based technologies for organizing the collection of professionally important information, data processing, their interiorization, gnosiological fundamentals of research, the method of analyzing scientific research, the ability to make research programs in detail, explain, summarize and assimilate research results.
1	Teaching practice	Training, educational institutions	**Know:** the legal and regulatory foundations of the functioning of the higher education system; the procedure for implementing the main provisions and documents regulating the university's activities to improve educational, methodological and scientific work at the university; - modern approaches to modeling scientific and pedagogical activities; - the procedure for organizing the planning, management and provision of the educational process using the latest training technologies; - basic principles, methods and forms of organization of the scientific and pedagogical process in an economic university. **Be able to:** Use the interrelationships of research and educational processes in the presentation of subject material, including the possibility of attracting one's own scientific research as a means of improving the educational process - carry out methodological work on the design and organization of the educational process; - structure and competently transform scientific knowledge into practical knowledge.tschprinted material. **Skills**

			- skills of scientific-methodical and teaching-methodical work in higher education: methodology and technology of conducting (lectures, seminars, practical exercises, etc.)tschuniversity classes, discipline);
2	Research practice	research, personal and professional activities, methodological guidelines	**Be able to:** - organize, plan and implement the research process; - apply modern scientific tools to solve practical problems in the field of research; analyze and process information from various sources; - use state-of-the-art software when conducting scientific research; - analyze, evaluate and compare various theoretical concepts in the field of research and draw conclusions. **Skills** -methods of collecting, analyzing and summarizing scientific material for: - -independent conduct of scientific research; -- development of scientifically based proposals and scientific ideas for the preparation of a doctoral dissertation; - scientific modeling using modern scientific tools; - publication of scientific articles in peer-reviewed journals; - preparation of public speeches with scientific reports at international conferences. - scientific writing and scientific communication; - planning, coordinating and implementing research processes; - a systematic understanding of the field of study and demonstrate the quality and effectiveness of selected scientific methods
1,2,3	Research work of doctoral students, including internships and doctoral dissertation	research, personal and professional activities	**Know:** scientifically-based methods of psychological and pedagogical activity; modern scientifically–based technologies for organizing the collection of professionally important information, data processing, their internalization, gnosiological foundations of research; various theoretical concepts in the field of research; new scientific ideas, expanding the boundaries of scientific knowledge; **Be able to:** develop their own original research to expand the boundaries of the scientific field, predict the results of scientific research; organize, plan and implement the process of scientific research; analyze, conduct independent scientific research, adapt modern theoretical and methodological concepts to solve a specific scientific and historical problem; effectively use modern research methodology; demonstrate the quality and effectiveness of selected scientific methods; **Skills:** possess pedagogical, multicultural, research competencies and self-development competence; basic skills of planning, forecasting, coordinating and implementing the processes of scientific research on the topic of scientific research, scientific internship; evaluation of the latest achievements of science.

3.List of modules included in the MOS with their brief characteristics

Module №	Name of the module	List of disciplines included inthe module	block	semester	Amount of credits	Form ofcontrol	Total credits for the module
M 1	Philosophy and methodology of pedagogy	Philosophy and methodology of pedagogy	BD UC	1	5	Exam	5
M 2	Organization and management of professional activities	Pedagogical practice	BD UC	1	10	Report	15
		1.Psychological readiness for professional pedagogical activity 2.Teacher's research culture	MD CC	2	5	Exam	
M 3	Research activities	Academic writing	BD UC	2	3	Exam	126
		Research work of doctoral students, including internshipsand doctoral dissertations	RW	& D 1-6	123	dif / z report	
M 4	Methodology and	Methods of scientific research	BD UC	2	2	Exam	17
		1.Pedagogical design and pedagogical expertise 2.Scientific activity in higher school	MD CC	1	5	Exam	
		Research practice	MD UC	3	10	Report	

M 5	Psychological and professional readiness for personal self-determination of the teacher	Foundations of research activity	MD UC	1	5	Exam	5
M6	Final certification	Design doctoral dissertation Defense of a doctoral dissertation	FA	6	6 6	Defense	12
Results: 180 credits							

Value:

BD - Basic disciplines

UC - University component

CC - Component of choice

MD - Major disciplines

RW - Research work of undergraduates, including internship and master's thesis

FA- Final attestation