

EDUCATIONAL INSTITUTION "ALIKHAN BOKEIKHAN UNIVERSITY"

**MODULAR EDUCATIONAL PROGRAMS 7M01111 «PEDAGOGY AND PSYCHOLOGY»
((profile direction))**

Semey, 2023

Developed by the Department of Pedagogy and Psychology

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I EXPLANATORY NOTE

Explanatory note:

The modular educational program (MOPP) is based on the following regulatory documents:

1. 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. Registered with the Ministry of Justice of the Republic of Kazakhstan on July 27, 2022 No. 28916.

3. On approval of the State mandatory standards of education at all levels of education 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.

4. On approval of the Rules for organizing the educational process on credit technology of education in organizations of higher and (or) postgraduate education. Order of the Minister of Education and Science of the Republic of Kazakhstan No. 152 dated April 20, 2011. Registered with the Ministry of Justice of the Republic of Kazakhstan on May 27, 2011 No. 6976.

5. On approval of the Standard Rules of activity of organizations of higher and postgraduate education. Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595. Registered with the Ministry of Justice of the Republic of Kazakhstan on October 31, 2018 No. 17657.

Regulatory documents of ALIKHAN BOKEIKHAN UNIVERSITY

1. The structure of the modular educational program. MP 05.10.2022 Edition No. 4;

The modular educational program consists of several blocks. The modules of the DB block have 10 credits (university component 6, elective component - 4), the PD block has a total of 29 credits (university component - 14, elective component – 15), experimental research work of undergraduates, including internships and the implementation of a master's project 13 credits and final certification – 8 credits.

There are 60 credits in total for the educational program.

The modular educational program consists of 4 modules.

The purpose of the modular educational program is to train competitive, highly qualified specialists to carry out professional activities in various fields.

Expected results of the educational program

ON 1 To determine scientific knowledge about psychological properties and phenomena at different stages of the formation and development of science

ON 2 Generalize existing knowledge and form students' ideas about the psychological foundations of motivational and personal components in professional activity, and the features of their implementation.

ON 3 Explain the logic of the construction and conduct of scientific research

ON 4 Examines the issues of improving and practical application of psychological research methods; demonstrating the skills and abilities of developing scientific projects, using mathematical and statistical methods of scientific and applied research, as well as the implementation of professional solutions in practice

- ON 5 Systematize knowledge in the field of psychology of personal growth and emotional intelligence
- ON 6 Analyze various strategies for the development of emotional intelligence that affect the development of personality
- ON 7 Use modern technologies of professional activity organization
- ON 8 To study a foreign language within the framework of international standards of foreign language education for active language proficiency in professional activities
- ON 9 Solve standard scientific and professional tasks, practical problems in the organization and management of enterprises of various directions
- ON 10 Determine the content of the components of professional activity that allow the classification of activities from various scientific points of view
- ON 11 Analyze the stages of development of management psychology in order to organize management relations and management activities
- ON 12 Apply modern methods, technologies, techniques, diagnostic techniques in various areas of psychological and pedagogical science and activities of the future specialist
- ON 13 Classify methods, forms and mechanism of ensuring effective management at various levels
- ON 14 Apply in practice the methods of personnel management, managerial skills and make competent management decisions
- ON 15 To evaluate theoretical knowledge and formed professional skills during the period of practical training

II. The graduate's competence model

1. PROFESSIONAL COMPETENCIES:

Know :

- psychological and pedagogical tasks in the educational process;
- technology of professional and pedagogical communication;
- the main ways to resolve conflicts in the pedagogical and managerial environment, mechanisms for managing emotional experiences.

SKILLS AND ABILITIES:

- to master the system of subject, psychological, pedagogical, methodological knowledge, skills and abilities that determine the formation of his professional activity, pedagogical communication and personality as a carrier of certain values, ideals and pedagogical consciousness;
- establish and maintain the necessary contacts with other people, be understandable, not alien to communicate;
- to identify, comprehend and evaluate the possibilities of their development, to show their own talents, to master ways of physical, spiritual and intellectual self-development, emotional self-regulation and self-support;
- be ready to improve the results of their work, increase the efficiency of work through the use of their own individual psychological potential;
- be able to select the content of education depending on the training profile, design and organize the educational process depending on the

training profile, aimed at preserving the mental and social well-being of students;

- possess knowledge about the selection, adaptation and modification of innovative methods of planning and development of developmental and correctional programs, organization of independent and self-educational work of students of pre-profile and profile classes based on the most modern methods.

- **2. RESEARCH COMPETENCIES:**

- **KNOWLEDGE:**

- in the field of epistemology, methodology, pedagogy and psychology; strive for constant self-improvement. Research methodologies in the field of multicultural and multilingual education;

- **SKILLS AND ABILITIES:**

- 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.
- to carry out comprehensive monitoring based on psychological and pedagogical diagnostics, analysis and synthesis; to be capable of pedagogical reflection.

- work with psychodiagnostic methods of individual, differential differences, cognitive processes and mental states,
- determination of the level of development of general and special abilities, strong-willed qualities of a person;
- computer psychodiagnostics and skilled work with computer diagnostic systems with subsequent psychological interpretation of large amounts of data.

- in cooperation with colleagues, plans and conducts research in the field of psychological and pedagogical sciences to improve the practice of education;

- **3. SOCIAL AND COMMUNICATIVE COMPETENCIES:**

- **KNOWLEDGE:**

- in the field of communication technologies, pedagogical rhetoric and conflictology, communication strategies
- fundamentals of pedagogical management;
- norms, rules, forms, methods and means of international cooperation in the professional sphere

- **SKILLS AND ABILITIES:**

- conduct verbal and non-verbal exchange of information, diagnose the personal properties and qualities of the interlocutor;
- develop a strategy, technique and tactics of interaction with people, organize their joint activities to achieve certain socially significant goals;
- identify yourself with the interlocutor, understand how he himself is perceived by the communication partner and is empathetic

- the ability to establish the necessary contacts with other people, to be understood, to communicate easily;
- group work skills;
- creating a psychological climate in the group and in the team;
- disharmony of interpersonal relations;
- skills of innovative methods.
- involve employers, representatives of professional associations, scientific organizations, and foreign partners in the educational process;
- to develop students' skills of international cooperation

Table 1. Sequence of mastering disciplines in the process of forming special competencies

№	Competence	List of compulsory and elective subjects and the sequence of their study		Expected results
		List of disciplines	the sequence of their study	
1	Research, professional	Methodology and methods of pedagogical research	2	<p>To know: the basic concepts of science, methodology, theory, concepts, standards of their functioning, historical stages of the development of science as a specific object, methodology as a teaching about the structure, logical regularity, means and methods of the researcher's activity, as well as the laws and regularities of the methodology of the theory of learning and basic scientific approaches (system, activity, technological, personality-oriented); 2. must be able to: - Be able to: apply theoretical knowledge about the methodology of science, basic skills of collecting and analyzing materials on the problem of master's research, as well as abstract activities to prepare an information message within the framework of research topics, be able to correctly express their scientific thoughts orally and in writing.</p> <p>Possess: possess basic concepts in the course (recognition of terms, definition of concepts, reproduction of the full scope of each concept, establishment of conceptual connections, practical interpretation of terms in various aspects) and understand their historical continuity - have your own judgments in the field of methodology of pedagogical cognition, theory and practice of education, think creatively using theoretical knowledge.</p>
2	Social and communicative, professional	Psychology of personal growth	1	<p>To know: theoretical and applied foundations of socio-psychological training; theoretical and applied foundations of personality psychology and personal growth;</p> <p>Be able to: carry out continuous processes of self-knowledge and self-development; effectively influence the processes of</p>

				interpersonal and group interaction; Skills: to adequately apply various techniques and methods of psychological influence in professional practice in order to intentionally change the psychological characteristics of people, groups, communication and relationships, joint activities.
2	Social and communicative, professional	Cognitive psychology	1	To know: the concept of an individual's cognitive system, its structure, basic processes; various methodological approaches to the study of the cognitive system; the structure of an individual's mental experience as a basis for building an enriching pedagogical model; Be able to: develop didactic educational materials; apply methodological techniques that enrich the intelligence of students; design intellectually enriching forms of pedagogical interaction; Skills: diagnostics of cognitive processes; techniques for diagnosing metacognitive awareness; methods of developing one's intellectual potential.

3	Professional	Psychology of professional activity	2	<p>To know: the composition, structure and types of professional activity, classification of professions; the main approaches to the organization of professional activity of the psychological and pedagogical direction; psychological features of self-realization of the personality of the head in the field of education; psychological patterns of functioning and development of an educational institution. Professional competence and professional culture of a teacher and psychologist.</p> <p>Be able to: give psychological characteristics to the subjects of interaction of the educational space; to determine professionally important qualities and make a psychological portrait of a professional; to study the professional activity of the psychological and pedagogical direction of a person as a condition for the realization of his basic life orientations; to identify the features of the individual style of professional activity of the psychological and pedagogical direction; to carry out professional activities of the psychological and pedagogical direction;</p> <p>Skills: to master the methods of compiling occupational charts and psychograms and use them in the course of studying and designing professional activities; to possess modern technologies for organizing professional activities; the ability to speak publicly and work with scientific texts; the ability to organize joint activities and interpersonal interaction of subjects in the educational environment.</p>
3	Social and communicative, professional	Development of professional competence of a psychologist	2	<p>To know: principles of professional activity of a psychologist; classification requirements for specialists; concepts of professional competencies; mechanisms and patterns of professional formation of a personality;</p> <p>Be able to: monitor professional development and the professional and educational process; make a professional and psychological profile of a specialist;</p>

				Skills: to have a culture of professional communication
4	Research, professional	Psychology of Motivation	2	<p>To know: the main psychological categories and concepts in this field, the key ideas of the most important theories to navigate in the specialized literature;</p> <p>Be able to: use the conceptual and categorical apparatus of modern psychology, methods of independent work with psychological sources (referencing, appating, reviewing, etc.),</p> <ul style="list-style-type: none"> • Skills: analyze and summarize materials of psychological research, formulate and solve educational and research tasks.
4	Research, professional	Project Management Technology	2	<p>To know: the values and principles of flexible project management; role models in software development teams; the capabilities of specialized software used to manage software development projects; the structure of the technological maturity model in the field of CMMI software development.</p> <p>Be able to: develop requirements for the content of the project; develop requirements for the composition of the project team; □ develop a project model using specialized project management software.</p>

Table 2. Sequence of mastering social and professional interaction disciplines

Course	Providing disciplines	Competencies	Expected results
1	2	3	4
1	Foreign language (professional)	Professional	<p>To know: - functional and stylistic characteristics of the scientific presentation of the material in the studied foreign language; - general scientific terminology and terminological sublanguage of the corresponding specialty in a foreign language.</p> <p>Be able to: - freely read the original literature of the relevant branch of knowledge in a foreign language with subsequent analysis, interpretation and evaluation of the extracted information;</p>

			<ul style="list-style-type: none"> - explicate in writing (abstract, abstract, summary) scientific information; - participate in professional discussions, scientific debates, debates, round-table discussions; - to make a presentation of scientific research (at seminars, conferences, symposiums, forums); - to perceive by ear and understand public speeches in direct and indirect communication (lectures, reports, TV and Internet programs). <p>Skills:</p> <ul style="list-style-type: none"> - oral communication in monological and dialogical form in the specialty in monological and dialogical form in the specialty (report, message, presentation, round table discussion, discussion, debate, debate); - written scientific communication in the specialty (scientific article, theses, report, translation, abstracting and annotation); - work with lexicographic sources in a foreign language; - the use of modern approaches to learning a foreign language.
1	Management	Social and communal	<p>To know: methods and methodology of management; fundamental approaches to solving problems in the field of psychology, objective trends in the development of modern management; patterns, principles and methods of management of socio-economic systems; methods of obtaining, generalizing and using management information in the development of management decisions and plans; basic organizational structures of management organizations;</p> <p>the main functions of management and the mechanisms of their implementation in the practice of management of organizations</p> <p>Be able to: formulate hypotheses, conduct empirical and fun research in the field of management, set goals and formulate tasks related to the implementation of professional functions; use principles and methods to optimize organizational development, be able to timely identify intra-organizational conflicts and develop ways to overcome them</p> <p>Skills: methodology and methodology of scientific research. methods of implementation of the main management functions (decision-making, organization, motivation and control); modern technologies of effective</p>

			influence on individual and group behavior in the organization; methods of forming and maintaining an ethical climate in the organization; methods and basic techniques of research activities in the process of improving the management of the organization;
1	Psychology of management	Professional	<p>To know: the essence and structure of the management process, the theoretical foundations of management psychology and its conceptual and categorical apparatus, personality characteristics as an object and subject of management.</p> <p>Be able to: apply managerial skills in working with groups and collectives, build communication within and outside the group, apply psychological methods of influence and motivation in the group.</p> <p>Skills: master the conceptual apparatus of management psychology, skills of delegation of authority and time management.</p>
1	Psychology	Professional	<p>To know: modern problems of psychology of education; theoretical foundations, concepts and principles of psychology of development and education in the chosen field of activity; features of the psychologist's work with children, adolescents and young men of the "risk group".</p> <p>Be able to: apply an integrated approach to solving the problems of the psychology of human education; use various psychological and pedagogical methods and empirical data in educational professional activities; expand general professional, fundamental training in accordance with the types of activities;</p> <p>Skills: ways to solve problems in the field of education, taking into account age and individual characteristics; systematic and scientific-educational thinking, taking into account the socio-economic, psychological and cultural-historical conditions of human life; modern technologies of data collection, processing and interpretation.</p>
1	Actual problems of General psychology: comparative analysis of domestic and foreign	Research, professional	<p>To know: the main problems of the theory of modern psychological science; the main methodological problems of modern psychology; the main applied problems of psychology; the most controversial and debatable problems of modern psychology;</p>

studies		<p>Be able to: determine your own scientific interests; to determine the most popular areas of scientific and practical activity in the field of psychology; to set innovative professional tasks in the field of psychological research;</p> <p>Skills: skills of analyzing the current situation in theoretical and practical psychology. to understand the current problems of psychological science and practice</p>
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3. A list of modules included in the MOS with their brief characteristics

№	Name	List of subjects included in the module	Block	Semester	Amount of credits	Form of control	Of total credits for module
M.1	Foreign language	Foreign language (professional)	BD UC	1	2	Exam	2
M.1	Management	Management	BD UC	1	2	Exam	2
M.2	Managerial and communicative aspects of psychology	Psychology of management	BD UC	1	2	Exam	11
		1. Psychology 2. Actual problems of General psychology: comparative analysis of domestic and foreign studies	BD UC	1	4	Exam	
		1. Psychology of Motivation 2. Project Management Technology	MD UC	2	5	Exam	
M.3	Methodological foundations of higher education	Methodology and methods of pedagogical research	MD UC	1	5	Exam	5
M.3	Problems of	Production practice	MD UC	2	9	Report	9

	research activity	Experimental research work of undergraduates, including internships and the implementation of a master's project	EIRM	1	10	dif/report	13
				2	3		
M. 2	The main directions of practical psychology	1. Psychology of personal growth 2. Cognitive psychology	MD CC	1	5	Exam	10
		1. Psychology of professional activity 2. Development of professional competence of a psychologist	MD CC	2	5	Exam	
M. 4	Final certification	Registration of the master's project	FC	2	6	Protection	8
		Protection of the master's project		2	2		
Total:60 credits							

Meaning:

BD - basic disciplines

UC - university component

CC - component of choice

MD - major disciplines

EIRM – Experimental research work of undergraduates, including internships and the implementation of a master's project

FC – final certification