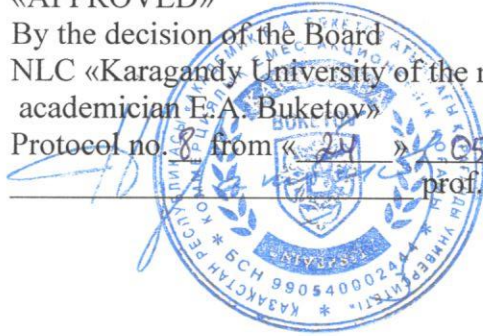


Ministry of Science and Higher Education of Republic of Kazakhstan
Karaganda University of the name of academician E.A. Buketov

«APPROVED»

By the decision of the Board
NLC «Karagandy University of the name of
academician E.A. Buketov»

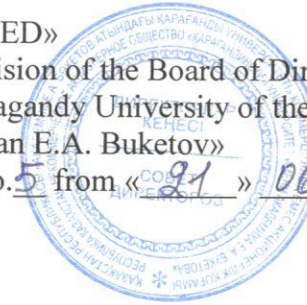
Protocol no. 8 from «24» 05 2024 y.
prof. N.O.Dulatbekov.



«APPROVED»

By the decision of the Board of Directors of
NLC «Karagandy University of the name of
academician E.A. Buketov»

Protocol no. 5 from «21» 06 2024 y.



EDUCATIONAL PROGRAM

7M01903 - Speech therapy

Level: Master's

Karaganda
2024

APPROVAL SHEET

EDUCATIONAL PROGRAM «7M01903 – SPEECH THERAPY»

«AGREED»


Director of MSI «Special Boarding school No. 4» DE of Karaganda region


Kargizbaeva G.M.
«dl» 02 2024 year



«AGREED»

Director of MSI «Special Boarding school No. 5» DE of Karaganda region

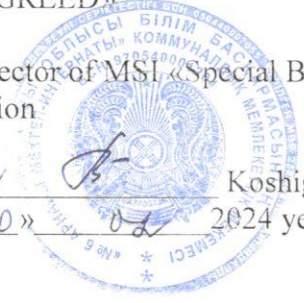

Smaylova D.A.
«dl» 02 2024 year



«AGREED»

Director of MSI «Special Boarding school No. 6» DE of Karaganda region


Koshigulova B.A.
«AD» 02 2024 year



«AGREED»

Head, founder of PF «Aqylsana»
Correctional and development center «Balpan», Karaganda


Turlubekova M.B.
«dl» 02 2024 year



The educational program «7M01903 –Speech therapy» was developed based on:

- Law of the Republic of Kazakhstan On Education (No. 319-III dated July 27, 2007);
- State compulsory standard of higher and postgraduate education (order of the Ministry of Education and Science of the Republic of Kazakhstan No. 2 of July 20, 2022);
- Rules for organizing the educational process on credit technology (order of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 dated April 20, 2011);
- Classifier of areas of training for personnel with higher and postgraduate education (order of the Ministry of Education and Science of the Republic of Kazakhstan No. 569 dated October 13, 2018);
- Standard «Teacher» (order No. 500 MP dated December 15, 2022);
- NQF dated March 16, 2016, Republican tripartite commission on social partnership and regulation of social and labor relations;
- Professional standard for teachers (teaching staff) of organizations of higher and (or) postgraduate education (order of the Ministry of Education and Science of the Republic of Kazakhstan No. 591 of November 20, 2023).

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Passport of the educational program

№	Name of the parameter	Description
1	Code and name of the educational program	7M01903 Speech therapy in the education and healthcare system
2	Code and classification of the field of education, areas of training	7M01 Pedagogical Sciences, 7M019 Special Pedagogy
3	Group of educational programs	M021 Special Pedagogy
4	Number of credits	120
5	Duration of study:	full - time
6	Language of instruction	Kazakh, Russian
7	Degree awarded	Master of Pedagogical Sciences
8	Type of educational program	new
9	The level of the ISCE	7th level
10	The level of the NQF	7th level
11	The level of the IQF	7th level
12	Distinctive features of the educational program Partner University (JED - Joint educational programs) ВУЗ-партнер (ДДОП)	New
13	The number of the appendix to the license for the direction of training	№ KZ83LAA00018495 application 016 from 28.07.2020
14	The name of the accreditation body and the validity period of the accreditation of educational programs	-
15	The purpose of the educational program	Training of a specialist of a new formation, capable of carrying out research and correctional and pedagogical activities in the direction of "Speech therapy"
16	Qualification characteristics of the graduate	
a)	List of graduate positions	speech therapist, speech therapist-lecturer, methodologist
b)	Scope and objects of professional activity of the graduate	Higher education; secondary vocational education; additional education; special (correctional) organizations of education and healthcare; research institutions.
v)	Types of professional activity of the graduate	scientific research; teaching; organizational and educational; consultative, diagnostic and preventive; correctional and

		developmental; design; socio-pedagogical; cultural and educational; organizational and managerial
g)	Functions of the graduate's professional activity	<ul style="list-style-type: none"> - <i>teaching</i> - broadcasts educational information, teaches independent search for the necessary knowledge, skills and abilities, constructs training sessions taking into account the necessary communicative competence of students, uses new learning technologies required within the updated content of education; - <i>educating</i> - introduces students to the system of social values, observes pedagogical tact, rules of pedagogical ethics, shows respect for the individual and personal qualities of students, builds the educational process taking into account the multinational specifics and priorities of the Republic of Kazakhstan, etc.; - <i>methodical</i> - provides methodological support for the educational process, plans to improve their skills, determines methods and techniques, develops educational materials in accordance with the set goals of classes, etc.; - <i>research</i> - studies the level of assimilation of educational content by students, explores the multicultural educational environment, uses the results of diagnostics of individual characteristics of students; - <i>socio-communicative</i> - interacts with the professional community and with all stakeholders in education, initiates and implements innovative ideas that unite education stakeholders, etc.

Formulation of learning outcomes based on competencies

Type of competencies	Learning outcome code	Learning outcomes (according to Bloom's taxonomy)
1. Behavioral skills and personal qualities: (Softskills)	LO 1	Demonstrates developing knowledge and understanding in the studied areas of modern history and philosophy of science, higher education, management psychology
	LO 2	Applies on a professional level his knowledge, understanding and abilities in foreign language communication with the correct use of learned language tools and communication strategies
	LO 3	Collects and interprets information to form judgments, taking into account modernization, education reforms for persons with special educational needs in accordance with regulatory legal acts and professional ethics
	LO 4	Demonstrates innovative approaches to teaching and improving teaching methods in higher education and professional and personal training of a speech therapist
2. Digital competencies: (Digital skills)	LO 5	Demonstrates knowledge of the integration of information technology, generates new ideas of pedagogical innovation in the speech therapist training system
3. Professional competencies (Hardskills)	LO 6	Takes into account the specific features of the organization and management of scientific research on the diagnosis, correction and prevention of speech disorders in individuals with complex developmental pathology in educational, healthcare and social protection organizations
	LO 7	Demonstrates methods of conducting remedial classes aimed at restoring speech and non-speech functions in people of different ages; develops a set of various kinds of measures for social adaptation
	LO 8	Implements the methodology of restorative learning after organic brain lesions and techniques of correctional and pedagogical activity with the complex interaction of specialists
	LO 9	Introduces technologies for designing and implementing correctional and developmental and speech therapy programs for working with children with severe speech disorders in different institutional settings
	LO 10	Provides speech therapy assistance (under the supervision and with the participation of a doctor), selects effective technologies to overcome difficulties in adapting to school education for children with severe speech disorders
	LO 11	Applies the methodology of teaching the culture of professional speech communication in classes in the native language from the position of communicative linguistics

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

Learning outcome code	Name of the module	Name of disciplines	Number of (ECTS))
LO 1	Philosophical and historical aspects of social and humanitarian knowledge	History and philosophy of science	4
LO 1		Higher school pedagogy	4
LO 1		Psychology of management	4
LO 1		Teaching practice	4
LO 2	Professional Languages and Current Problems of Education of Persons with Special Educational Needs (SEN)	Foreign language (professional)	4
LO 3		Regulatory and legal support of special and inclusive education	5
		Current trends in the education of persons with special educational needs on	
LO 4	Information technologies in the correctional and educational activities of a speech therapist	Professional and personal training of a speech therapist teacher	5
LO 4		Innovative methods of teaching professional disciplines in higher education	
LO 5		Integration of information technologies of training in the system of speech therapy work	5
LO 5		Pedagogical innovation in the system of speech therapist training	
LO 6	Methodology and methodology of scientific cognition in modern speech therapy and psychology	Methodology and methodology of scientific research in speech therapy	5
LO 6		Differential diagnosis, correction and prevention of speech disorders in persons with complex developmental pathology	5
LO 6		Speech therapy work in the neurorehabilitation system	4
LO 7		Correction technologies with severe speech disorders	5
	Aphasia. Logopedic work on the restoration of speech and non-speech functions		
LO 8		Complex interaction of specialists accompanied by persons with	5
		Methods of restorative learning after organic brain lesions severe	

		speech disorders	
LO 9	Technologies for the implementation of the correctional and speech therapy process	Speech therapy work in various conditions	5
		Designing correctional and developmental programs for working with children with severe speech disorders	
LO 10		The system of speech therapy in healthcare	5
		Technologies of formation of readiness for educational activity of children with severe speech disorders	
LO 11		Theory and methodology of studying the components of the language system	5
		Linguistics in the professional activity of a speech therapist	
LO 6,7,8,9,10,11		Research practice	14
LO 6,7,8,9,10,11	Research work	Research work of a master's student, including internship and completion of a master's thesis (RWM's)	24
LO 6,7,8,9,10,11	Preparation and defense of a master's thesis	Preparation and defense of a master's thesis	8

Matrix of achievability of learning outcomes

NN п/п	Name of disciplines	Brief description of the discipline (30-40 words)	Number of credits	LO 1	LO 2	LO 3	LO 4	LO 5	LO 6	LO 7	LO 8	LO 9	LO 10	LO 11
Cycle of basic disciplines University component														
D1	History and philosophy of science	It is studied with the aim of forming knowledge about the significance of scientific knowledge in its tendency to development and changing socio-cultural profile. Questions about the philosophy, methodology of science, science as a cognitive activity and tradition, as a social institution and a special sphere of culture in modern civilization are considered.	4	+										
D2	Higher school pedagogy	It is studied with the aim of forming ideas about the modern paradigm of higher education and the theory of scientific activity in higher education. Questions about pedagogy, education of professional specialists, professional teaching skills in educational institutions, pedagogical control and assessment of knowledge in higher education are considered.	4	+										
D3	Psychology of management	It is studied in order to form knowledge about the psychological patterns of managerial activity, the specifics of the use of socio-psychological knowledge in the structure of the manager's activities, the skills to analyze the socio-psychological principles underlying effective management, theoretical provisions and current problems of management psychology; features of management psychology; personal characteristics of the leader.	4	+										
D4	Teaching practice	In the process of pedagogical practice, undergraduates get acquainted with the logic and content of the educational process at a higher educational institution, scientific and educational work at a university, with the peculiarities of the teacher's pedagogical activity, with innovative teaching technologies at a higher school, study the specifics of educational work with students, the peculiarities of the development of their professional "I"	4	+										
D5	Foreign language (professional)	It is studied with the aim of developing speaking, reading, writing and listening skills for effective communication in situations of professional communication, work with	4		+									

		specialized literature in various fields, translation of texts in the specialty, two-way interpreting in situations of professional communication.															
Cycle of basic disciplines Component of choice																	
D6	Regulatory and legal support of special and inclusive education	The course is studied in order to form knowledge about international legal acts that enshrine the rights of persons with SEN. The issues of international organizations contributing to ensuring the rights of persons with special educational needs to education, the legal framework of special and inclusive education of the Republic of Kazakhstan are considered.	5				+										
	Current trends in the education of persons with special educational needs	The course is designed to study large-scale transformations carried out within the framework of modernization programs or reforms in education for persons with special educational needs, aspects of educational activity: goals and content of education, methods and technologies of education for persons with special educational needs, family support systems, teachers					+										
D7	Professional and personal training of a speech therapist teacher	The course is studied in order to form knowledge about the professional and personal training of a speech therapist teacher, specific labor functions: diagnostic in examining children and determining the type of violations, corrective in the implementation of a system of special speech therapy measures to overcome or mitigate developmental deficiencies	5				+	+									
	Innovative methods of teaching professional disciplines in higher education	The course is studied in order to form knowledge about the theoretical and methodological foundations of higher education, the legal and organizational basis of higher education. Questions about innovative methods of teaching professional disciplines in higher education, technologies for designing and organizing professionally oriented education in higher education are considered.					+	+									
D8	Integration of information technologies of training in the system of speech therapy work	The course is studied in order to form knowledge about the integration of information technologies in the system of speech therapy, methods of analyzing and synthesizing information, methods of working with information in global computer networks, the basics of safe organization of work with a					+	+									

		computer of people with special needs	5															
	Pedagogical innovation in the system of speech therapist training	The course is studied in order to form ideas about the problematic and conceptual field of pedagogical innovation, innovative processes in the field of education, designing innovative activities, innovations in teaching, education, management, monitoring of innovative activities, modern innovative technologies in the educational process, innovative activities of a speech therapist							+									
Cycle of major disciplines																		
University component																		
D9	Methodology and methodology of scientific research in speech therapy	The course is studied with the aim of developing skills for self-learning new research methods, for changing the scientific and scientific-pedagogical profile of one's professional activity, as well as for developing skills for preparing, writing, designing and presenting research results in the subject area	5							+								
D10	Differential diagnosis, correction and prevention of speech disorders in persons with complex developmental pathology	The course is studied with the aim of developing the ability to apply modern technologies for differential diagnosis, prevention, correction of speech disorders in persons with complex pathology, to advise parents of children with speech disorders on the organization and implementation of correctional work	5							+								
D11	Speech therapy work in the neurorehabilitation system	The course is being studied in order to form knowledge about neurorehabilitation as an innovative direction, the legal framework for the provision of speech therapy assistance in the healthcare and social security system, gender and age-related psychological and pedagogical diagnostics of people with speech disorders, the role of the family in neurorehabilitation	4							+								
Cycle of profile disciplines																		
Component of choice																		
D12	Correction technologies with severe speech disorders	The course is studied with the aim of developing the ability to determine the severity of existing defects, plan and conduct classes aimed at maximizing the correction of deviations in the speech development of pupils, conduct individual and group classes, work in close contact with teachers, parents, legal representatives of children	5							+	+							
	Aphasia. Logopedic work on the restoration of speech and non-speech functions	The course is studied with the aim of developing the ability to diagnose, identify the causes of speech underdevelopment, apply methods for restoring the speech of patients with organic brain lesions, carry out corrective work for violations of									+		+					

		written speech and neurorehabilitation of patients with speech pathologies and mental dysfunctions												
D13	Complex interaction of specialists accompanied by persons with severe speech disorders	The course is studied with the aim of developing the ability to draw up an individual program of correctional and developmental work, collectively consider issues related to the implementation of the program, determine the rehabilitation potential of the child and his family, advise all participants in the complex support of persons with severe speech disorders (SSD)	5						+	+				
	Methods of restorative learning after organic brain lesions	The course is studied with the aim of developing the ability to apply the method of restoring oral expressive speech, work to overcome speech understanding disorders, writing disorders and restore reading function in the structure of aphotic disorders, restore counting in acalculia, plan clinical and psychological rehabilitation of patients with apraxia								+	+			
D14	Speech therapy work in various conditions	The course is being studied with the aim of developing experience in identifying and overcoming speech disorders in people with severe speech disorders (SSD) in the process of conducting diagnostic measures, planning, implementing corrective work programs, interacting with parents in preschool and educational organizations, healthcare organizations, and social protection	5									+		
	Designing correctional and developmental programs for working with children with severe speech disorders	The course is studied in order to form the ability to design correctional and developmental programs, specific features of the design of correctional and developmental programs, the development of personality-oriented correctional and developmental programs for working with children with severe speech disorders, issues of counseling and support for children with severe speech disorders, monitoring and evaluation of the effectiveness of the planned results of educational and correctional work										+		
D15	The system of speech therapy in healthcare	The course is being studied with the aim of forming knowledge about the conduct of speech therapy assistance to the population, improving the quality of treatment for people of different ages with functional and organic speech disorders, the direction of development of specialized assistance, expanding the network of speech therapy rooms, rehabilitation treatment departments in children's clinics, neuropsychiatric dispensaries	5										+	

	Technologies of formation of readiness for educational activities of children with children with severe speech disorders	The course is studied with the aim of developing the ability to apply technologies of readiness for educational activities of children with severe speech disorders (SSD); know the problems of physiological readiness, the levels of development of the main functional systems of the child's body and the state of his health, difficulties in adapting to schooling													+		
D16	Theory and methodology of studying the components of the language system	The course is studied in order to form the ability to apply the methodology for studying the components of the language system, teaching the native language, the culture of professional speech communication. Questions about the concept of “speech activity”, the principles of consistency, functionality, communicativeness and the laws of the functioning of the language system in speech are considered.	5														+
	Linguistics in the professional activity of a speech therapist	The course is studied with the aim of forming knowledge about the language, the specifics of the language, differentiation of the concept of system and structure, the structure of the language unit, the difference between linguistic signs, the language tier and its unit, the difference between the phenomena of language and speech; The questions of linguistic analysis for solving professional practical problems are considered.															
D17	Research practice	The research practice of a master's student consolidates knowledge about the methodology of scientific research and methods of conducting scientific research, theoretical and experimental methods of studying objects in the relevant subject area; forms skills for processing scientific and experimental results and performing research work in accordance with the requirements of its relevance, scientific novelty and practical significance	14								+	+	+	+	+	+	+
Additional types of training																	
D18	Research work of a master's student, including internship and completion of a master's thesis (RWM's)	The research work of a master's student consists in preparing for the implementation of research work in accordance with the requirements of its relevance, scientific novelty and practical significance; in the preparation of reports, publications, reports	24								+	+	+	+	+	+	+
Final examination																	
D19	Final examination	Preparation of a dissertation in accordance with the current State Standard and the recommendations of the department where the master's research is being carried out; control of the	8								+	+	+	+	+	+	+

		originality of the text document; passing pre-protection; preparing and compiling a report and preparing an electronic presentation; defense of master's thesis																
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Coordination of planned learning outcomes with teaching and evaluation methods

Learning outcomes	Planned learning outcomes for the module	Teaching methods	Assessment methods
LO 1	Demonstrates developing knowledge and understanding in the studied areas of modern history and philosophy of science, higher education, management psychology	situational analysis (case-study)	interviewing
LO 2	Applies on a professional level his knowledge, understanding and abilities in foreign language communication with the correct use of learned language tools and communication strategies	discussion	focus groups
LO 3	Collects and interprets information to form judgments, taking into account modernization, education reforms for persons with special educational needs in accordance with regulatory legal acts and professional ethics	project training	presentations
LO 4	Demonstrates innovative approaches to teaching and improving teaching methods in higher education and professional and personal training of a speech therapist	brainstorming	abstract
LO 5	Demonstrates knowledge of the integration of information technology, generates new ideas of pedagogical innovation in the speech therapist training system	brainstorming	working in groups
LO 6	Takes into account the specific features of the organization and management of scientific research on the diagnosis, correction and prevention of speech disorders in individuals with complex developmental pathology in educational, healthcare and social protection organizations	case methods	case methods
LO 7	Demonstrates methods of conducting remedial classes aimed at restoring speech and non-speech functions in people of different ages; develops a set of various kinds of measures for social adaptation	round table	portfolio
LO 8	Implements the methodology of restorative learning after organic brain lesions and techniques of correctional and pedagogical activity with the complex interaction of specialists	debate	questioning
LO 9	Introduces technologies for designing and implementing correctional and developmental and speech therapy programs for working with children with severe speech disorders in different institutional settings	conferences	drawing up a flowchart
LO 10	Provides speech therapy assistance (under the supervision and with the participation of a doctor), selects effective technologies to overcome difficulties in adapting to school education for children with severe speech disorders	moderation method	interviewing
LO 11	Applies the methodology of teaching the culture of professional speech communication in classes in the native language from the position of communicative linguistics	brainstorming	working in groups

Criteria for assessing the achievability of learning outcomes

Codes of learning outcomes	Criteria
LO 1	<p>Knows: the conceptual and terminological apparatus that characterizes the essence and content of the history and philosophy of science</p> <p>Is able to: apply adequate psychological methods and techniques and analyze individual stylistic features of representatives of modern higher education</p>
LO 2	<p>Knows: professional terminology in a foreign language, conducting professional oral and written communication, business foreign language</p> <p>Possesses: skills of professional speech and translation of texts in the specialty in a foreign language</p>
LO 3	<p>Knows: the regulatory framework of special and inclusive education</p> <p>Is able to: analyze the main trends in the development of education for people with special educational needs in the world and the priority directions of modernization of education systems of leading developed countries and individual regions</p>
LO 4	<p>Is able to: apply modern information technologies in the educational process</p>
LO 5	<p>Possesses: designing and organizing the educational process at the university, ensures the quality of training specialists for the education system</p>
LO 6	<p>Knows: organization of research work in the field of speech therapy</p> <p>Possesses: technologies of psychological and pedagogical examination and neurorehabilitation, counseling parents of children with speech disorders</p>
LO 7	<p>Knows: physiological causes of aphasia, types of aphasia, diagnostic methods and ways of interpreting the results obtained</p> <p>Is able to: determine the severity of existing speech defects</p>
LO 8	<p>Knows: algorithm of complex interaction of specialists accompanied by persons with severe speech disorders</p> <p>Possesses: methods of restorative learning after organic brain lesions</p>
LO 9	<p>Knows: the system of organization of speech therapy services in various institutional conditions</p> <p>Possesses: techniques for developing correctional and developmental programs for working with children with severe speech disorders</p>
LO 10	<p>Knows: the content of the concept of “readiness” for school education of children with severe speech disorders</p> <p>Is able to: provide assistance to people of different ages with functional and organic speech disorders with severe speech disorders</p>
LO 11	<p>Knows: aspects of linguistic phenomena</p> <p>Possesses: linguistic analysis for solving professional practical problems</p>

The graduate model of the educational program

Graduate attributes are developed (based on learning outcomes and competencies):

Attributes:


- High professionalism in the field of special pedagogy in the direction of “Speech therapy”
- Active worldview and life position
- High level of cultural development
- Psychological (moral) stability and creativity (creativity)
- Organizational skills and sociability
- Interest in providing assistance
- Tolerance; empathy (empathy)
- Professional honesty and respect for persons with speech disorders

Types of competencies	Description of competencies
1. Behavioral skills and personal qualities (Softskills)	<ul style="list-style-type: none"> - the ability to improve and develop one's intellectual and general cultural level, to achieve the moral perfection of one's personality; - readiness for self-learning new research methods, for changing the scientific profile of one's professional activity, for changing the socio-cultural and social conditions of activity; - the ability to freely use native and foreign languages as a means of business communication
2. Digital competencies (Digital skills)	<ul style="list-style-type: none"> - the ability to independently acquire new knowledge and skills with the help of information technologies and use in practical activities, including in new areas of knowledge not directly related to the field of activity, to expand and deepen one's scientific outlook; - the ability to develop information technologies in order to optimize the correctional and educational process
3. Professional competencies (Hardskills)	<ul style="list-style-type: none"> -readiness to develop and implement individual medical and pedagogical programs of speech therapy at different stages of age development; - the ability to carry out in-depth diagnostics of speech disorders with healthcare workers - the ability to explore, design, implement the processes of education, habilitation, rehabilitation, social adaptation and integration of persons with speech disorders using innovative technologies

Developers:

Members of the working group:

- Head of the Department of Special and Inclusive Education
- Assistant Professor of the Department of Special and Inclusive Education
- Senior Lecturer of the Department of Special and Inclusive Education
- Senior Lecturer of the Department of Special and Inclusive Education



A.R. Rymkhanova
 V.V. Bobrova
 N.A. Sadvakassova
 A.S. Kударinova

2nd year master's student of the educational program 7M01901-Defectology
Deputy Director for Educational Work of the MSI
«Special Boarding School No. 5» DE of Karaganda region

 A.B. Alpysbaeva

 E.A. Skuridova

The educational program was reviewed by the Faculty Council from 28.02.2024 protocol No. 7

The educational program was reviewed at the meeting of the Academic Council from 09.04.24 protocol No. 5

The educational program was reviewed and approved at the meeting of the University Board from 24.05.24 protocol No. 8

Member of the Board-Vice-Rector for Academic Affairs
Director of the Academic Work Department
Dean of the Pedagogical Faculty



M.M. Umurkulova
T.M. Khassenova
S.A. Mulikova

EDUCATIONAL PROGRAM DEVELOPMENT PLAN

7M01903- Speech therapy

The purpose of the plan is to contribute to improving the quality of the conditions for the implementation of the educational program, taking into account the current requirements of the labor market and the achievements of modern science.

Target indicators

№	Indicators	Unit of measurement.	2024-2025 (plan)	2025-2026 (plan)	2026-2027 (plan)	2027-2028 (plan)
1	Human resources development					
1.1	Increase in the number of teachers with academic degrees	Number of people.	2	2	1	1
1.2	Advanced training in the teaching profile	Number of people.	10	10	10	10
1.3	Involvement of practitioners in teaching	Number of people.	1	1	1	1
2	Promotion of educational programs in the ratings					
2.1	Independent Agency for Quality Assurance in Education	Position	10	8	6	5
2.2	Independent Accreditation and Rating Agency	Position	-	-	-	-
2.3	Atameken	Position	10	8	6	5
3.	Development of educational and scientific-methodical literature, electronic resources					
3.1	Books	Quantity	-	1	-	1
3.2	Training manuals	Quantity	1	1	1	1
3.3	Methodological recommendations/instructions	Quantity	-	1	-	-
3.4	Electronic textbook	Quantity	1	1	1	1
3.5	Video/audio lectures	Quantity	1	2	2	2
4.	Development of educational and laboratory facilities					

4.1	Purchase of software products	Quantity	-	1	1	1
4.2	Purchase of equipment	Quantity	-	1	1	1
5.	Updating the content of educational programs					
5.1	Updating the results of training and the list of disciplines taking into account the requirements of the labor market, scientific achievements, professional standards	Year	+	-	+	-
5.2	Introduction to the educational program of academic disciplines in foreign languages*	Year	-	+	+	+
5.3	Introduction of new teaching methods	Year	+	+	+	+
5.4	Opening of a double-diploma/joint program	Year	-	-	-	+

Head of the Department of Special and Inclusive Education



A.R. Rymkhanova