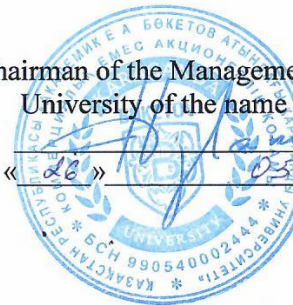


MINISTRY OF EDUCATION AND SCIENCE OF REPUBLIC OF KAZAKHSTAN

KARAGANDA UNIVERSITY OF THE NAME
OF ACADEMICIAN OF Y.A. BUKETOV

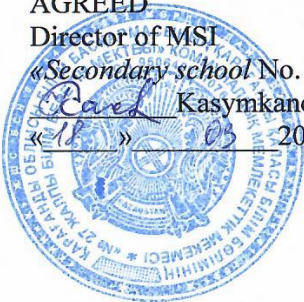


«AGREED»
Director of MSI
«Special Boarding school No. 2»
Kirghizbaeva G.M.
« 18 » 2022 year



«CONFIRMED»
Chairman of the Management Board – Rector of Karaganda
University of the name of Academician of Y.A. Buketov
N.O. Dulatbekov
« 26 » 2022 year

AGREED
Director of MSI
«Secondary school No. 27»
Kasymkanova S.E.
« 18 » 2022 year



EDUCATIONAL PROGRAM
«7M01901 - Defectology»

Level: Master's Degree

Karaganda, 2022 year

The educational program «7M01901-Defectology» was developed on the basis of:

- The Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III «On Education»
- The Law of the Republic of Kazakhstan dated July 11, 1997 No. 151-I. «On Languages in the Republic of Kazakhstan»
- The State Mandatory Standard of Postgraduate Education No. 182 dated May 5, 2020.
- The National Qualifications Framework dated 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 educational process on credit technology» dated October 2, 2018 No. 152
- Classifier of training areas with higher and postgraduate education dated October 13, 2018 No. 569
- Resolution of the Government of the Republic of Kazakhstan dated August 15, 2017 No. 484.
- Professional standard «Teacher» (Appendix to the Order of the Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken» dated June 8, 2017 No. 133)

Content

№	Passport of the educational program	Pages
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	Number of credits	4
5	Duration of study	4
6	Language of instruction	4
7	Degree awarded	4
8	Type of educational program	4
9	The level of the ISCE	4
10	The level of the NQF	4
11	The level of the IQF	4
12	Distinctive features of the educational program	4
	Partner University (JED - Joint educational programs)	4
	Partner University (Diploma educational program)	4
13	The number of the appendix to the license for the direction of training	4
14	The name of the accreditation body and the validity period of the accreditation of the educational program	4
15	The purpose of the educational program	4
16	Qualification characteristics of the graduate	4
a)	List of graduate positions	4
б)	Scope and objects of professional activity of the graduate	4
в)	Types of professional activity of the graduate	4
г)	Functions of the graduate's professional activity	5
17	Formulation of learning outcomes based on competencies	6
18	Determination of modules of disciplines in accordance with the results of training	7
19	Matrix of achievability of learning outcomes	9
20	Coordination of the planned learning outcomes with the methods of teaching and evaluation within the module	15
21	Criteria for assessing the achievability of learning outcomes	17
22	Graduate Model	18

Passport of the educational program

1. **Code and name of the educational program:** 7M01901 Defectology
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:** Russian, Kazakh
7. **Language of instruction:** Master of Pedagogical Sciences
8. **Type of educational program:** current
9. **The level of the ISCE (International Standard Classification of Education)-** Level 7.
10. **The level of the NQF (National Qualifications framework)-** Level 7.
11. **The level of the IQF (Industry qualifications framework)-** Level 7.
12. **Distinctive features of the educational program:**
 - Partner University (JED - Joint educational programs) -
 - Partner University (DDEP)
13. **The number of the appendix to the license for the direction of training:** № KZ83LAA00018495 application 016 from 28.07.2020
14. **The number of the appendix to the license for the direction of training:** HKAOKO, № SA-A №0156/4 certificate, date of issue 27.05.2019., validity period 24.05.2024.
15. **The purpose of the educational program:** Just in case, a new goal: Training of masters with fundamental and applied knowledge in the field of special pedagogy, able to carry out correctional and pedagogical activities at a high level
16. **Qualification characteristics of the graduate:**
 - a) **List of graduate positions:** defectologist, defectologist teacher, speech therapist, speech therapist teacher, oligophrenopedagogue, sign language teacher, typhlopedagogue.
 - b) **Scope and objects of professional activity of the graduate:** Educational organizations, secondary special and higher education, correctional and educational special school educational organizations for children with intellectual disabilities, hearing, vision, speech, musculoskeletal system, with mental retardation), etc.; correctional and educational preschool educational organizations for children with intellectual disabilities, hearing, vision, speech disorders, musculoskeletal system, with mental retardation), etc.
 - 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:**

- *teaching* - 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;
- *educating* - 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.;
- *methodical* - 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.;
- *research* - 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;
- *socio-communicative* - interacts with the professional community and with all interested parties of 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 Outcome (according to Bloom's Taxonomy)
1. Behavioral skills and personal qualities: (Soft skills)	LO 1	Demonstrate an interdisciplinary, multicultural worldview based on a deep understanding of the history and philosophy of scientific thinking as part of a universal culture
	LO 2	Possess the skills of interpreting pedagogical activity, analyzing the individual style characteristics of representatives of modern higher education
	LO 3	Possess the skills of independent analytical work in the field of management psychology
	LO 4	Uses a foreign language as a means of personal and professional communication; is able to work in a team, tolerantly perceiving social, ethnic, confessional and cultural differences
2. Digital competencies: (Digital skills)	LO 7	Applies the methodology of information and computer technologies in the subject area; has a logical culture of thinking, methods of analysis and synthesis of information, ways of working with information in global computer networks and remote technologies in special education
3. Professional competencies: (Hard skills)	LO 5	Speaks professional foreign terminology in the field of special pedagogy and translation features
	LO 6	Uses methods and approaches of practical application of commercialization tools in market conditions based on the effective use of the potential of markets
	LO 7	Analyzes and demonstrates the experience and results of innovative activities of educational institutions; applies various types of innovations and innovative experience of schools in Kazakhstan
	LO 8	Able to design pedagogical activities based on special scientific knowledge and research results
	LO 9	Demonstrates the ability to design, implement and adapt the results of their own research into professional activities
	LO 10	Is able to expand his psychological, pedagogical and scientific horizons, transmit the result when teaching special disciplines; uses innovative forms and technologies in the process of teaching the basics of presenting educational material
	LO 11	Advises persons with special educational needs, parents (legal representatives) of children with special educational needs on the organization and implementation of medical and social prevention and early comprehensive care
	LO 12	Provides timely assistance to children with speech development disorders and advisory and methodological support to their parents in organizing the upbringing and education of a child in preschool educational institutions; applies effective technologies of correctional and developmental work with children of the infant risk group, young age with special educational needs in the conditions of modern organizational forms of preschool education
	LO 13	Demonstrate technologies for identifying and overcoming disorders of oral and written speech and filling gaps in educational activities, preventing the transition of these problems to subsequent stages of learning
	LO 14	Applies methods of managing stressful situations; uses techniques to reduce the impact of stress arising within the framework of management activities on the human body
	LO 15	Substantiates and uses methods of evaluation, selection, planning of implementation and implementation of innovative ideas in the management of educational systems in special education; applies a correctional and developmental system of methods, methods, teaching methods, educational tools aimed at achieving a positive result due to dynamic changes in the personal development of the child in modern socio-cultural conditions

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

Learning result code	Name of the module	Name of disciplines	Объём (ECTS)
LO 1	Philosophical and historical aspects of social and humanitarian knowledge	History and philosophy of science	4
LO 2		Higher school pedagogy	4
LO 3		Management Psychology	4
LO 2.3		Pedagogical practice	4
LO 4	Professional languages	Foreign language (professional)	4
LO 5		Professional foreign terminology in the field of special pedagogy	5
		Features of terminology translation in the field of vocational education	
LO 6	Commercialization and innovation in special pedagogy	Commercialization of the results of scientific and scientific-technical activities	5
		Mechanisms of commercialization of innovations in special education	
LO 7		Innovation in special pedagogy	5
	Information technologies in special education		
LO 8	Methodological foundations and methods of scientific cognition in modern special pedagogy and psychology	Methodological foundations and methods of scientific research in special pedagogy and special psychology	4
LO 9		Research work in the field of special pedagogy and special psychology	4
LO 10		Methods of teaching special subjects	4
LO 11	Means of ensuring the correctional and educational process	Correctional and speech therapy service of preschool educational institutions	5
		Organization and technologies of speech therapy service (in English)	
LO 12		Technology of providing the system of early correctional and pedagogical assistance	5
		Early psychological and pedagogical assistance to families and children with special educational needs	
LO 13	Means of ensuring the correctional and pedagogical process	4	
	Modern system of special educational services		
LO 14		Stress management in the work of a teacher	5

		Stress management in the activities of a special teacher	
LO 15		Management and evaluation of the quality of special education	4
		Modern correctional and developmental technologies in educational institutions	
LO 8,9,11,12,13,14,15		Research practice	14
LO 8,9,11,12,13,14,15	Research work	Research work of a master's student, including internship and completion of a master's thesis (RWM's)	24
LO 8,9,11,12,13,14,15	Preparation and defense of a master's thesis	Preparation and defense of a master's thesis	12

Matrix of achievability of learning outcomes

NN n/n	Name of disciplines	Brief description of the discipline (30-40 words)	Number of credits	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	LO11	LO12	LO13	LO14	LO15
Cycle of basic disciplines University component																		
D1	History and philosophy of science	<i>Knowledge:</i> basic concepts of modern philosophy; structures of scientific knowledge; scientific traditions and scientific revolutions; historical types of scientific rationality; features of the current stage of development of science and the prospects for scientific progress <i>Skills:</i> formation of an interdisciplinary, multicultural worldview among undergraduates, based on a deep understanding of the history and philosophy of scientific thinking as part of a universal culture	4	+	+	+												
D2	Higher school pedagogy	<i>Knowledge:</i> the basic concepts of modern philosophy; the structure of scientific knowledge; scientific traditions and scientific revolutions; historical types of scientific rationality; features of the current stage of development of science and prospects for scientific progress <i>Skills:</i> formation of an interdisciplinary, multicultural worldview among undergraduates based on a deep understanding of the history and philosophy of scientific thinking as part of universal culture	4	+	+	+												
D3	Management Psychology	<i>Knowledge:</i> fundamentals of the organizational structure of management and understanding of the nature of management processes, ways to improve management efficiency and means of communication, selection and training of specialists capable of implementing management functions <i>Skills:</i> implementation of independent analytical work in the field of management psychology, application of adequate psychological methods and techniques in accordance with the goals, objectives and methodology of the study	4	+	+	+												
D4	Pedagogical practice	<i>Knowledge of:</i> the chosen subject area of research, forms, methods, teaching methods aimed at the effective achievement of the educational objectives of the lesson; active teaching methods, technologies for the development of the student's personality; continuity	4		+	+												

		between topics, types of classes, in the selection of educational material <i>Skills:</i> application of the basics of pedagogical skills, independent conduct of educational and teaching work																
D5	Foreign language (professional)	<i>Knowledge of:</i> general scientific terminology sufficient for the implementation of oral and written communication in the field of business / professional communication; rules of communicative behavior in situations of intercultural scientific communication; rules for the presentation of scientific information in various fields of communication <i>Skills:</i> proficiency in English as a means of intercultural and interethnic communication in the scientific field; skills of working with professional content information in global computer networks from foreign sources	4				+	+										
Cycle of basic disciplines Component of choice																		
D6	Professional foreign terminology in the field of special pedagogy	<i>Knowledge of:</i> theoretical foundations of professionally-oriented translation; types of translation and basic translation transformations; features of translation of scientific-pedagogical and informational-methodological materials; term formation in modern English; the principle of translation of abbreviations <i>Skills:</i> adequate translation and interpretation from a sheet of texts in the direction of "Special pedagogy and inclusive education" and in the specialty	5					+	+									
D7	Features of terminology translation in the field of vocational education	<i>Knowledge of:</i> key concepts of terminology: terminology and term system; structural and linguistic parameters of the term; scope of fixation and functioning of the term; features of translation of terms in professionally oriented texts; equivalence and adequacy of translation of scientific texts <i>Skills:</i> conscious attitude to the translation of terms; correct understanding and assimilation of professional terms for further use of such in a professional language					+	+										
D8	Commercialization of the results of scientific and scientific-technical activities	<i>Knowledge of:</i> terminology of technology commercialization, stages, forms and participants of the commercialization process; features of the license market and technologies and methods of license cost estimation; methods of identifying consumer needs, assessing commercial potential and concept verification <i>Skills:</i> assessing the commercial potential of a business idea, business planning of innovative projects	5						+	+								
D9	Mechanisms of commercialization of innovations	<i>Knowledge of:</i> the main methods and models of technology commercialization; principles of the impact of							+	+								

	in special education	new technologies on the competitive situation in business; the essence and interrelation of the stages of commercialization of the results of research and development work (and technologies) <i>Skills:</i> management of commercialization of results research and development work (and technologies)																
D10	Innovation in special pedagogy	Knowledge of: innovative processes in modern education; innovative pedagogical activity; individual style of innovative activity of a teacher; psychological barriers to innovation in the field of education; planning, organization and resource support of innovative activities in an educational institution <i>Skills:</i> development and implementation of methodological models, teaching technologies; design of educational programs and individual educational routes	5						+	+								
D11	Information technologies in special education	Knowledge: the purpose and capabilities of specialized programs and basic programs of the Windows office suite; methodological ways and methods of using the studied programs and the main provisions of the methodology of school informatics in relation to the qualification of children with developmental disabilities <i>Skills:</i> working with a computer: Microsoft Office programs, the Internet, etc.; independently explicate and implement methodological and correctional capabilities of available non-specialized software in information technology							+	+								
Cycle of profile disciplines																		
University component																		
D12	Methodological foundations and methods of scientific research in special pedagogy and psychology	Knowledge: level of methodology, universal method of cognition, empirical scientific methods, method of thought experiment, idealization and formalization <i>Skills:</i> choose only scientifically based methods that provide obtaining and analyzing objective data characterizing phenomena and processes	4						+	+	+	+						
D13	Research work in the field of special pedagogy and special psychology	Knowledge: methodology, methods of organizing scientific research, principles and methods of organizing and performing scientific research <i>Skills:</i> using methods of theoretical and experimental research, analysis and design of scientific research; apply a system of principles and methods of constructing theoretical and practical activities; apply modern educational programs in the educational process	4						+	+	+	+						
D14	Methods of teaching special subjects	Knowledge: principles and essence of teaching methods, forms and methods of active and interactive learning, specifics of credit training, management of stu-	4								+	+	+					

		dents' independent work Skills: the use of modern methods of preparation and conducting training sessions; the use of innovative forms and technologies in the process of teaching the basics of presentation of educational material																
Cycle of profile disciplines																		
Component of choice																		
D15	Correctional and speech therapy service of pre-school educational institutions	<i>Knowledge:</i> organization, content, functions of the speech therapy service of a preschool educational institution; research of children's speech development and implementation of correctional work with preschool children; control and diagnostic work; interaction of specialists of the correctional speech therapy service of a school educational institution <i>Skills:</i> using methods of complex correction when working together with specialists in rehabilitation and psychological and pedagogical institutions	5															
	Organization and technologies of speech therapy service (in English)	<i>Knowledge:</i> organization of the activities of the speech therapy service of a preschool educational institution; research of children's speech development and implementation of correctional work with preschool children <i>Skills:</i> identifying the potential abilities of children with special educational needs to learn as a basic characteristic that determines the design of an individual educational route																
D16	Technology of providing the system of early correctional and pedagogical assistance	<i>Knowledge:</i> early correctional work with children with a risk factor in speech development; consideration of the development of mental processes in ontogenesis when determining the content of work with young children <i>Skills:</i> developing an individual development program and conducting correctional and developmental work with a child and organizing medical rehabilitation	5															
	Early psychological and pedagogical assistance to families and children with special educational needs	<i>Knowledge of:</i> features of mental and personal development of children with special educational needs of infancy, early age; methods of conducting psychological and pedagogical examination of children of infancy, early age with special educational needs methods and techniques for the development of children with special educational needs <i>Skills:</i> to use techniques and methods of psychological and pedagogical examination of young children with special educational needs																

D17	Means of ensuring the correctional and pedagogical process	<i>Knowledge:</i> general concepts of teaching aids, principles of selection of teaching aids in special education, visual aids in special education, the main groups of technical means of teaching and compensation in special education <i>Skills:</i> classification of teaching aids in special education, distinctive age characteristics, the nature and severity of violations of students' abilities	4												+	+	+				
	Modern system of special educational services	<i>Knowledge of:</i> concepts of medical, social and pedagogical patronage, medical and social prevention and early comprehensive care (early diagnosis and early pedagogical assistance); early assistance programs <i>Skills:</i> diagnostics, information retrieval and assistance in choosing an educational route, designing individual rehabilitation and preventive programs, primary assistance in the implementation of plans														+	+	+			
D18	Stress management in the work of a teacher	<i>Knowledge of:</i> the classical theory of stress by G. Selye; the syndrome of personal and behavioral deformations of the stress type; methods of prevention and correction of stress; criteria for assessing the impact of stress on behavior, activity and mental health of the individual <i>Skills:</i> analysis of concepts of occupational health; an integrated approach to the study of stress resistance in the work of a teacher	5																+	+	
	Stress management in the activities of a special teacher	<i>Knowledge of:</i> stages of stress development; classification of factors leading to stressful situations; methods of prevention of stressful situations; approaches to managing stressful situations at the level of the organization and personality <i>Skills:</i> application of methods for identifying stressful situations and methods for increasing stress tolerance in employees; approach to the prevention of stressful situations																		+	+
D19	Management and evaluation of the quality of special education	<i>Knowledge:</i> the basic concepts and principles underlying various concepts of the theory of management of educational processes; the specifics of the innovation process in the activities of educational organizations; features of the management of educational systems in special education <i>Skills:</i> using the methodology of the innovative management process in professional activity; activating the innovative activity of the personnel of educational organizations	4																	+	+
	Modern correctional and	<i>Knowledge:</i> theoretical and methodological founda-																			+

	developmental technologies in educational institutions	tions of correctional and developmental technology; technologies for working with children with learning difficulties, autism, with disorders of the musculoskeletal system, with severe and (or) multiple disorders of physical and (or) mental development <i>Skills:</i> the use of health-saving technologies, technologies of differentiated and personality-oriented training; art-therapeutic technologies																	
D20	Research practice	<i>Knowledge:</i> methodology of scientific research and methods of scientific research, theoretical and experimental methods of research of objects in the relevant subject area <i>Skills:</i> processing scientific and experimental results; performing research work in accordance with the requirements of its relevance, scientific novelty and practical significance	14																
Additional types of training																			
D21	Research work of a master's student, including internship and completion of a master's thesis (RWM's) <i>Knowledge of:</i> foreign science, modern methods of scientific research, processing and interpretation of experimental data, processing and interpretation of experimental data in dissertation research <i>Skills:</i> performing research work in accordance with the requirements of its relevance, scientific novelty and practical significance; possession of skills for processing the results obtained		24																
Final certification																			
D22	Preparation and defense of a master's thesis	<i>Knowledge:</i> the history of the development of the problem under study, its role and place in the scientific direction under study; the necessary theoretical knowledge on the problem under study <i>Skills:</i> independently conduct a scientific search, test the ability to solve specific scientific and practical problems, use the most general methods and techniques for solving them	12																

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

Learning outcomes	Planned learning outcomes for the module	Teaching methods	Assessment methods
LO1	Demonstrate an interdisciplinary, multicultural worldview based on a deep understanding of the history and philosophy of scientific thinking as part of a universal culture	interactive lecture	test
LO2	Possess the skills of interpreting pedagogical activity, analyzing the individual style characteristics of representatives of modern higher education	case methods	colloquium
LO3	Possess the skills of independent analytical work in the field of management psychology	project training	presentations
LO 4	Uses a foreign language as a means of personal and professional communication; is able to work in a team, tolerantly perceiving social, ethnic, confessional and cultural differences	inverted class (Flipped Class)	writing an essay
LO7	Applies the methodology of information and computer technologies in the subject area; has a logical culture of thinking, methods of analysis and synthesis of information, ways of working with information in global computer networks and remote technologies in special education	explanation	writing an annotation
LO5	Speaks professional foreign terminology in the field of special pedagogy and translation features	brainstorming	working in groups
LO6	Uses methods and approaches of practical application of commercialization tools in market conditions based on the effective use of the potential of markets	excursion	report
LO7	Analyzes and demonstrates the experience and results of innovative activities of educational institutions; applies various types of innovations and innovative experience of schools in Kazakhstan	round table	portfolio
LO8	Able to design pedagogical activities based on special scientific knowledge and research results	conferences	drawing up a flowchart
LO9	Demonstrates the ability to design, implement and adapt the results of their own research into professional activities	excursion	report
LO10	Is able to expand his psychological, pedagogical and scientific horizons, transmit the result when teaching special disciplines; uses innovative forms and technologies in the process of teaching the basics of presenting educational material	brainstorming	working in groups
LO11	Advises persons with special educational needs, parents (legal representatives) of children with special educational needs on the organization and implementation of medical and social prevention and early comprehensive care	case methods	colloquium
LO12	Provides timely assistance to children with speech development disorders and advisory and methodological support to their parents in organizing the upbringing and education of a child in preschool educational institutions; applies effective technologies of correctional and developmental work with children of the infant risk	case methods	colloquium

	group, young age with special educational needs in the conditions of modern organizational forms of preschool education		
LO13	Demonstrate technologies for identifying and overcoming disorders of oral and written speech and filling gaps in educational activities, preventing the transition of these problems to subsequent stages of learning	case methods	colloquium
LO14	Applies methods of managing stressful situations; uses techniques to reduce the impact of stress arising within the framework of management activities on the human body	case methods	colloquium
LO15	Substantiates and uses methods of evaluation, selection, planning of implementation and implementation of innovative ideas in the management of educational systems in special education; applies a correctional and developmental system of methods, methods, teaching methods, educational tools aimed at achieving a positive result due to dynamic changes in the personal development of the child in modern socio-cultural conditions	case methods	colloquium

Criteria for assessing the achievability of learning outcomes

Codes LO	Criteria
LO1	Knows: basic concepts of modern philosophy
	Can: analyze the individual stylistic features of representatives of philosophy
LO2	Knows: modern approaches, directions of the scientific school and individual author's concepts of the educational process
	Can: analyze the characteristic features of the innovators of modern higher education
LO3	Knows: ways of influencing the behavior of an individual, a group in order to achieve the effectiveness of the organization
	Can: make decisions within the framework of management principles and practical skills on modern forms and methods of management psychology in an organization
LO4	Knows: general scientific terminology sufficient for the implementation of oral and written communication in the field of business/professional communication
	Owens: foreign language as a means of intercultural and international communication in the scientific field
LO5	Knows: basics of professionally oriented translation
	Can: work with information of professional content in global computer networks from foreign sources
LO6	Knows: the concept of commercialization of R&D results and innovative technologies
	Owens: algorithm for evaluating the commercial potential of a business idea, business planning of innovative projects
LO7	Knows: methodological foundations of innovation in special pedagogy
	Can: design educational programs, methodological models and individual educational routes
LO7	Knows: innovative processes in modern education
	Owens: methodology of information and computer technologies in the subject area
LO8	Knows: methodology, ways and methods of organizing scientific research
	Can: choose only scientifically based methods that provide teaching and analysis of objective data characterizing phenomena and processes
LO9	Knows: organization of research work in the field of special pedagogy and special psychology
	Can: conduct scientific research, experiment in order to establish patterns, scientific generalizations and justifications
LO10	Knows: the content of the teaching methodology, forms and methods of active and interactive learning, the specifics of credit education
	Can: demonstrate innovative forms and technologies in the process of teaching the basics of presenting educational material
LO11	Knows: early remedial work with children at risk
	Can: develop individual development and medical rehabilitation programs, conduct correctional and developmental work with the child
LO12	Knows: organization and implementation of medical and social prevention and early comprehensive care
	Can: design individual rehabilitation and preventive primary care programs
LO13	Knows: features of the means of ensuring the correctional and pedagogical process and the system of special educational services
	Owens: skills in classifying and applying teaching aids in special education
LO14	Knows: classical theory of stress management
	Owens: a method for identifying stressful situations and methods for increasing stress resistance among employees
LO15	Knows: organization of management of special education and the structure of correctional and developmental work
	Owens: quality assessment methodology and correction technology in educational institutions

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
- 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 integrity and respect for persons with special educational needs

Types of competencies	Description of competencies
1. Behavioral skills and personal qualities (Soft skills)	<ul style="list-style-type: none"> - the ability to improve and develop one's intellectual and general cultural level, to achieve moral improvement of one's personality; - the ability to use in practice skills and abilities in the organization of research and scientific-production work, in team management, to influence the formation of team goals, to influence its socio-psychological climate in the direction necessary to achieve goals, to assess the quality of performance results; - ability and willingness to apply knowledge about modern research methods, conduct scientific experiments, evaluate research results; ability to analyze, synthesize and critically summarize information - ability to social interaction, cooperation and conflict resolution in social and professional spheres, tolerance, social mobility - ability to analyze socially significant problems and processes, identify the essence of problems arising in the course of professional activity - the ability to realize the social significance of their future profession, having motivation to perform professional activities, the ability to empathy, correct and adequate perception of persons with special educational needs - the ability to plan, organize and improve their own pedagogical activities - the ability to participate in interdisciplinary and interdepartmental interaction of specialists in solving professional tasks - the willingness to apply the main international and domestic documents on the rights of the child and the rights of the disabled - willingness to implement professional tasks of educational, health and correctional and developmental programs
2. Цифровые компетенции (Цифровые навыки)	<ul style="list-style-type: none"> - share data, information and digital content with others through appropriate digital technologies; use advanced tools and technologies to create a collaborative environment; - understand the risks and threats in the digital environment; know about data security measures; - to establish, review and evaluate specialized data, information and digital content in specific professional fields in a digital environment
3. Professional competencies (Hardskills)	<ul style="list-style-type: none"> - the ability to navigate in the formulation and solution of scientific or practical problems; - the ability to model and carry out psychological and pedagogical support of the processes of socialization and professional self-determination of persons with special educational needs, to prepare them for a conscious choice of profession; - the desire for self-education within the framework of professional and personal growth, the design of a further educational route in the field of professional activity, participation in experimental work; - ability to teach in educational institutions of secondary and higher education; - the ability to lead the teaching staff in order to determine and implement the strategy of correctional and developmental impact;

	<ul style="list-style-type: none"> - the ability to take into account general, specific (for different types of disorders) patterns and individual characteristics of mental and psychophysiological development, peculiarities of regulation of human behavior and activity at various age levels; - the ability to organize joint and individual activities of children with different types of impaired development in accordance with their age, sensory and intellectual characteristics; - readiness to use the recommended methods and technologies that allow solving diagnostic and correctional-developmental tasks; - the ability to collect and primary processing of information about the history of development and disease of children with special educational needs of various types; - the ability to control the stability of their emotional state in interaction with children with special educational needs and their parents; - the ability to carry out psychological education of teachers and parents on the peculiarities of the mental development of children with different types of impaired development; - the ability to effectively interact with teachers of correctional educational institutions and other specialists on the development of students in communicative, playful and educational activities
--	--

Developers:

Members of the working group:

Head of the Department of Special and Inclusive Education

Associate Professor, c.p.s. of the Department of Special and Inclusive Education

2nd year master's student of the Department of Special and Inclusive Education



G.K. Alshynbekova

V.V. Bobrova

N.A. Aitmagambet

The educational program was reviewed by the Faculty Council from 18.03.2022 protocol No. 8

The educational program was reviewed at the meeting of the Academic Council from 28.04.2022 protocol No. 5

The educational program was reviewed and approved at the meeting of the University Board from 26.05.2022 protocol No. 12

Member of the Board -Vice-Rector for Academic Affairs

Director of the Department for Academic Work

Dean of the Faculty



T.Z. Zhusipbek

G.S. Akybayeva

M.M. Imanbekov

EDUCATIONAL PROGRAM DEVELOPMENT PLAN

7M01901 - DEFECTOLOGY

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	2022-2023 (in fact)	2023-2024 (plan)	2024-2025 (plan)	2025-2026 (plan)
1	Human resources development					
1.1	Increase in the number of teachers with academic degrees	Number of people	-	1	1	1
1.2	Advanced training in the teaching profile	Number of people	7	7	8	9
1.3	Involvement of practitioners in teaching	Number of people	-	1	2	1
2	Promotion of the EP in the ratings					
2.1	IQAA	Position	2	2	1	1
2.2	IAAR	Position	1	1	1	1
2.3	Atameken	Position	-	-	-	-
3.	Development of educational and scientific-methodical literature, electronic resources					
3.1	Textbooks	Number	-	1	-	1
3.2	Training manuals	Number	1	-	1	-
3.3	Methodological recommendations/instructions	Number	-	1	-	-
3.4	Electronic textbook	Number	1	-	1	1
3.5	Video/audio lectures	Number	1	2	2	2
4.	Development of educational and laboratory facilities	Number				

4.1	Purchase of software products	Number	-	1	1	1
4.2	Purchase of equipment	Number	-	1	1	1
4.3	Other	Number				
5.	Updating the content of the EP					
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	+ 2022-2023 уч.г.	-	-	-
5.2	Introduction to the EP of academic disciplines in foreign languages*	Year	-	-	-	-
5.3	Introduction of new teaching methods	Year	-	+	-	+
5.4	Opening of joint/two-degree program on the basis of the EP	Year	-	-	-	-

Head of the department of Special and Inclusive education



G.K. Alshynbekova