## 2. CONTENT OF THE EDUCATIONAL PROGRAM

Nº	Module codes	Num ber of credit s		Code and name and discipline code	Ac.cre dits Discip line	Cycle/co mponent of the discipline
	Module 1		1	ISE 501 - History and Philosophy of Science	4	DB VK
	"Integration		2	ISE 502 - Foreign language (professional)	4	DB VK
1	of science	16	3	ISE 503- Pedagogy of higher education	4	DB VK
1	and education" ISE	10	4	ISE 504-Management Psychology	4	DB VK
			1)	RM 501/1- Theoretical and methodological problems of special and inclusive education  RM 501/2- Psychological Aspects of Special Educational Needs Research	- 5	DB KV
	Module 2 "Research		2)	RM 502/1 - Technologies for the development of critical thinking  RM 502/2- Научно-методологические основы инклюзивного образования	- 5	DB KV
2	Methodology in Special Education"	25	3)	RM 503/2 - Regulatory and legal support for psychological and pedagogical support for children with OOP  RM 503/1- Ethical Standards and Principles for Inclusive Education of Persons with OOP	5	DB KV
			4)	RM 504/2 - Methodological foundations and technologies of scientific research in special pedagogy and psychology	5	PD VK
				5)	RM 505/2- Information and Communication Technology in Special Education RM 505/1- Social and Communicative Technologies of Special Education	- 5
			1)	CSP 501/1- Andragogy of persons with OOP  CSP 501/2- Scientific and practical foundations of therapeutic technologies	5	PD KV
2	Module 3 "Comprehens ive support of persons with	22	2)	CSP 602/1-Medical and social support for persons with OOP  CSP 60 2/2-Health-Saving Technologies in Special Education	- 5	PD KV
3	OOP in the educational process"	22	3)	CSP 603/2 - Interdisciplinary activities in the education of persons with OOP  CSP 603/1- Design of programs of psychological and pedagogical support for the family	- 6	PD KV
	CSP		4)	CSP 604/1-Monitoring in Special Education CSP 604/2 - Modern technologies of criteria-based assessment and control	6	PD KV
4	Module 4 "Innovative Approaches	11	1)	IA 601/2 - Designing an inclusive educational process-6 IA 601/1- Социально-педагогическая акмеология-	6	PD KV

	in Special Education" SHE		2)	IA 602/2 - Methods of teaching professional disciplines at the university-6  IA 602/1-Modern approaches to the development of the content of special education	5	PD KV
5	RW Модуль 5	38	1	RW 5(6)01 Pedagogical practice	4	DB VK
	"Research Workshop on		2	RW 5(6)02 Research practice	10	PD VK
	Working with Persons with OOP"		3	RW5(6)03 Research work of a master's student, including an internship and the implementation of a master's thesis (SRWM)	24	NIRM
	FE Final certification	8	1	FE 601 Master's thesis design and defense	8	IA
	Total:	120			120	

## 2.1. INFORMATION ABOUT MODULES AND DISCIPLINES

**Module 1:** "Integration of Science and Education" ISE *Module description :* 

At the present stage, the lack of orientation of professional and scientific-pedagogical personnel to the innovative development of the country and their adaptation to the market realities of science and economics is becoming particularly acute. The current education system in Kazakhstan implements mainly the traditional model of education, focused on the assimilation of subject-disciplinary knowledge. Meanwhile, in the new conditions, the specialist should focus not on what will be needed today, but on what will be in demand tomorrow.

A serious problem for the current education system is the lack of scientific training of teachers of higher and secondary schools due to their weak participation in research work against the background of ineffective self-management at the stage of master's studies. The purpose of the module: the formation of general cultural, general professional and professional competencies necessary for the implementation of pedagogical, research and cultural and educational activities, including in a foreign language. The goal is realized through the formation of knowledge, skills and abilities, as well as personal qualities of students, providing students with an understanding of the trends in the development of modern pedagogical science and education, promising problems of scientific research; - formation of skills in the application of modern achievements of science and high-tech technologies in the popularization of scientific knowledge; - mastering the techniques of professional self-education and personal growth of masters. Purposeful disclosure of the value orientations of the development of scientific knowledge in the context of the spiritual and economic development of society and each individual will ensure the assimilation and "appropriation" of these guidelines by the undergraduate himself.

Nº	Name of discipline	Cycle/C ompone nt	Nu mb er of cre dit s	Description of the discipline	Tea	aching methods	Target ROs	Assessment methods
		DATAB		The content of the discipline is devoted to		Lecture -	RO1,	Written response
		ASE		Actual philosophical, scientific and pedagogi		discussion	RO2	
		PLUMB		problem of tics: principles, methodsand lev	vels			Pedagogical tests
	History and philosophy	ING		of research, structures and models a	and	Colloquium		with a freely
1	of science		4	development of science in the dynamics	of			constructed
	of science			culture, scientific revolutions and sciences	asa	Abstract		answer of an
				social institution.				interdisciplinary
				The study of the course will provide	the	Content analysis		nature
				undergraduate with the assimilation of the sk	tills			

				of the culture of thinking on the basis of fundamental knowledge of the history and philosophy of science through the formation and strengthening of the ability to work independently with scientific literature; find logically, systematically and critically the basis ofthinking key problems; use the acquired knowledge to formulate, prove and translate their own judgments on scientific problems	Comparative analysis Insert		Educational project "Development and publication of a scientific and methodological article"
2	Foreign language (professional)/	DATAB ASE PLUMB ING	4	The development of the course will ensure the systematization and consolidation of the language knowledge and speech skills acquired by undergraduates for: solving the problems of professional communication in oral and written forms using modern technical means and digital technologies; effective study of scientific and educational texts of professional content presented in a foreign academic language, including digital content of the global network. The course will prepare the student to develop and conduct presentations of the results of his scientific research, make presentations at international conferences, make professional contacts, and, therefore, promote his personal brand in the market of scientific ideas and achievements.	Workshop  Colloquium  Abstract of articles (in a foreign language)  Situational tasks  Business game  Educational project with presentation	RO 1, RO2	Written response  Pedagogical and competence tests  Essay (in a foreign language)
3	Pedagogy of higher education	DATAB ASE PLUMB ING	4	The study of the course creates the basis for the formation of general cultural, general professional and professional competencies in the undergraduate, a conscious professional position on modern issues of the development of	Lecture – discussion Colloquium	RO 1, RO2, RO 9	Written response  Pedagogical and competence tests

				pedagogical science and higher education in the Republic of Kazakhstan and abroad, the ability to solve urgent pedagogical problems and tasks of higher education. The goal is realized through the development of content that reveals the theoretical, methodological, organizational and didactic foundations of pedagogy of higher	Abstract  Schematization and modeling of the pedagogical process		Reflective Portfolio
				education, the development of the course will prepare the undergraduate to develop their own methods of teaching teachers to work with children with OOP and the effective use of modern interactive pedagogical technologies in the university educational process using the mechanisms and tools of qualimetric assessment, the development of diagnostic tools and indicators of the level of assimilation of students' knowledge	Syllabus design Business game Insert		
4	Management Psychology	DATAB ASE PLUMB ING	4	The discipline introduces undergraduates to the basics of management psychology in education through the disclosure of the essence and content of the concept of social psychology and related phenomena, concepts and mechanisms: management in education, psychological and pedagogical interaction of participants in the educational process, conflictology, interdisciplinary interaction of specialists in psychological and pedagogical support. In the course of mastering the educational content, the undergraduate develops and justifies the algorithm for making managerial decisions in difficult pedagogical situations. The knowledge and skills acquired in the study of this discipline	Lecture – discussion  Seminar – training  Case Method  Learning Project  Responsibility  Matrix  Process  Modeling-	LO1, LO3, LO5	Pedagogical tests with a freely constructed answer of an interdisciplinary nature  Practico Project-oriented

	will help in the future to effectively solve management issues in educational organizations		
		Case Method	

Module 2: "Research Methodology in Special Education" RM

Module description:

Theinformation acquired during the development of the disciplines of the module will serve as the basis for the implementation of professional and personal self-education, will help the undergraduate to master the algorithm for designing their own educational route and professional career in the field of education of children with OOP. The system-forming element of the module is the problem of defundamentalization of education at the present stage - the understanding of inclusive education as training, upbringing and development in the context of an individualized, personality-oriented educational process in an organization that effectively implements the principle of inclusion not only in relation to children with OOP, but also to each student and teacher. The focus on analyzing the achievements of Kazakhstani and foreign research in the field of special defectological education and related branches of knowledge will serve as the basis for the formation of the ability to understand the main problems of their subject area, see strengths and weaknesses, assess the risks and prospects of their own professional activities. As a result of mastering the module, the undergraduate will master the methods and techniques for the implementation of professional and personal self-education; Upon graduation, he will know the fundamental and applied problems of special pedagogy and special education, ways of implementing professional and personal self-education, master the ways of designing a further educational route and professional career, methods of systematizing the achievements of Kazakhstani and foreign research in the field of special education and related industries.

The proposed course includes the study of the DATAB Interactive RO 1, Written response ASE natural-scientific, philosophical lecture RO 3. and psychological-pedagogical foundations **SQUAR** of RO 5. Essay teaching, upbringing and development of Colloquium RO 8, E children with OOP. During the study of the RO9 Pedagogical tests discipline, the undergraduate critically analyzes, Brainstorming Theoretical and with a freely evaluates and compares two educational methodological problems constructed paradigms in the context of changing the value of special and inclusive Insert answer of education orientation of culture and changing the attitude interdisciplinary of society and the state towards people with Abstracting nature disabilities and their fates; designs a comfortable and safe educational environment Annotation for children with OOP and develops monitoring tools for determining its effectiveness, plans and Content analysis

				organizes work on psychological and pedagogical support at different levels inclusive education, demonstrating deep integrated knowledge based on advanced discoveries and innovations in the field of education, upbringing and development of children with OOP  TheURS is aimed at identifying special	Comparative analysis Business game		
6	Psychological aspects of the study of special educational needs			approaches to assessing the special educational needs of children to increase the effectiveness of psychological and pedagogical support at all levels of educational inclusion. The course will help to characterize, understand the psychological aspects of the methods of pedagogical diagnostics. Students compare and critically evaluate differences in the conduct of diagnostic procedures in the conditions of special and inclusive education, in the conditions of kindergartens, schools, KPPK; develop materials for: Team assessment of the PLO by specialists of the SPPS, direct conversation with the child, teachers and parents, analysis of works (drawings, crafts, notebooks, etc.), specially organized pedagogical examination and pedagogical observation. As a result of mastering the discipline, undergraduates will be able to manage the quality of research of special educational needs in variable conditions			
7	Critical Thinking Development Technologies (TCM)	DATAB ASE	5	The purpose of the course is twofold: 1) mastering the methods of developing intellectual skills in students (including children	Problem lecture	RO 3,	Written answer

		SQUAR	with OOP): making informed decisions,	Lecture-	RO 5,	Portfolio
		Е	working with information, analyzing various	discussion	RO 8,	
			aspects of phenomena, etc., and 2) mastering		RO 9	Pedagogical and
			TCM techniques in the context of the theory of	Seminar		competence tests
			continuous self-education - as a system-forming	Colloquium		with a freely
			element that ensures the continuity and	_		constructed
			continuity of self-education and self-	Business game		answer of an
			development throughout life.	_		interdisciplinary
			The undergraduate will learn how to	Insert		nature
			purposefully select and apply effective RCM			
			techniques in working with children with OS	Case Method		
			and in the process of self-reflection, master the			
			algorithm for developing original forms of	Chamomile		
			organizing lessons and developmental classes in	Bloom		
			the context of a new educational strategy - as an			
			integral part of self-education, self-			
			improvement, self-development of the			
			individual.			
			The study of disiciplina provides an			
			understanding of the phenomena and processes			
			of inclusive education of children with OOP in			
			the logic of changing the value orientation of			
			culture and changing the attitude of society and			
	Scientific and		the state towards persons with loss of vital			
8	methodological		functions. Based on the integration of natural-			
	foundations of inclusive		scientific, philosophical and psychological-			
	education		pedagogical knowledge about the patterns and			
			features of teaching children with OOP, the			
			undergraduate: describes, explains, predicts the			
			pedagogical phenomenon in solving specific			
			pedagogical problems and situations of			
			inclusive education;			

9	Regulatory and legal support of psychological and pedagogical support for children with OOP	DATAB ASE SQUAR E	5	With high-quality and effective assimilation of knowledge in the discipline, students will form a humanistically oriented professional worldview, understanding and acceptance of the problems of children with disabilities  As part of the study of the discipline, the undergraduate will gain knowledge about international and domestic regulatory legal acts of psychological and pedagogical support for children with OOP in the historical sense, that is, in the context of the evolution of society's attitude towards children with special needs of psycho-physical development. The undergraduate integrates the positive domestic and foreign experience of psychological and pedagogical support and knowledge of the regulatory framework and on this basis and in full accordance with the content of existing laws and regulations: designs a safe special subject-developing environment, evaluates the	Lecture-press conference,  Case Method  Workshop  Work with literature, case stage	RO2, RO 3, RO 4, RO 5, RO 8	Written response Essay Project
			5				
10	Ethical norms and principles of inclusive education of persons with OOP			In the course of studying the discipline, undergraduates will come to an understanding of the principles of inclusive education, humanistic ideas of inclusive education, ideas of tolerance and ethics of working with children with OOP in accordance with the "Pedagogical"			

				Regulations of the Defectologist" and "Rules of Pedagogical Ethics" (Order of the Ministry of Education and Science of the Republic of Kazakhstan dated May 11, 2020 No. 190). The undergraduate knows and applies in the course of practices and in the educational process the principles and methods of working in a team, demonstrates a desire for corporate unity, ethically competently organizes pedagogical communication with children of different ages and with parents of children  Resolves conflict situations, applying knowledge of the psychology of crisis states, has certain moral orientations and attitudes that meet the ethical and moral norms of pedagogical communication,			
11	Methodological foundations and technologies of scientific research in special pedagogy and psychology	MPVK	5	During the study of the discipline, the undergraduate will get acquainted with the basic concepts of the methodology of science, the dialectical method of cognition and technologies of scientific research; analyzes and interpretsvarious approaches to the study of facts, phenomena of pedagogical activityin the field of special and inclusive education; when conducting scientific research, applies modern technologies with strict adherence to the norms of scientific ethics and academic integrity. pedagogical and psychological theories and concepts in special pedagogy and psychology. compares and critically evaluates differences in the conduct of diagnostic procedures and experiential learning in the framework of	Lecture with pre-planned mistakes  Seminar-training  Educational game  TRIZ-work Colloquium  Abstract  Content analysis	RO1, RO2, RO 3	Essay  Project: "Development and publication of an article in a scientific and methodological journal"

ascertaining and formative experiments in the context of special and inclusive education, manages independent research activity in the process of writing a master's thesis, brings the level of independence to 75%  PD SQUAR E Mastering the discipline ensures the ability and willingness to use modern technologies, digital resources, global network resources in professional activities with children with OOP, taking into account special conditions. The undergraduate knows and analyzes: the regulatory framework for the useof ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of production documentation.		Т	1					
manages independent research activity in the process of writing a master's thesis, brings the level of independence to 75%  PD SQUAR E Willingness to use modern technologies, digital resources, global network resources in professional activities with children with OOP, taking into account special conditions. The undergraduate knows and analyzes: the regulatory framework for the use of ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of								
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PD SQUAR E   Mastering the discipline ensures the ability and willingness to use modern technologies, digital resources, global network resources in professional activities with children with OOP, taking into account special conditions. The undergraduate knows and analyzes:   Information and Communication Technologies in Special Education   Education     12								
PD SQUAR E    Mastering the discipline ensures the ability and willingness to use modern technologies, digital resources, global network resources in professional activities with children with OOP, taking into account special conditions. The undergraduate knows and analyzes: the regulatory framework for the useof ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of						Insert		
SQUAR E  willingness to use modern technologies, digital resources, global network resources in professional activities with children with OOP, taking into account special conditions. The undergraduate knows and analyzes: the regulatory framework for the use of ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of  willingness to use modern technologies, digital resources in professional activities with children with OOP, Workshop  Seminar-training  Socially- oriented project  FRO 3, RO 8, RO 9  Educational practice-oriented project  oriented project								
Technologies in Special Education  E resources, global network resources in professional activities with children with OOP, taking into account special conditions. The undergraduate knows and analyzes: the regulatory framework for the useof ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of			PD		Mastering the discipline ensures the ability and	Lecture –	RO 2,	Written response
professional activities with children with OOP, taking into account special conditions. The undergraduate knows and analyzes: the regulatory framework for the useof ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of			SQUAR		willingness to use modern technologies, digital	discussion		
taking into account special conditions. The undergraduate knows and analyzes: the regulatory framework for the useof ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of			Е		resources, global network resources in		RO 8,	Pedagogic
undergraduate knows and analyzes: the regulatory framework for the useof ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of					professional activities with children with OOP,	Workshop	RO 9	standardized tests
the regulatory framework for the useof ICT and the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of					taking into account special conditions. The			
the classification of ICT in specialeducation; expediently selects didactic, developmental or assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of					undergraduate knows and analyzes:	Seminar-training		Educational
Information and Communication Technologies in Special Education  Information and Communication Technologies in Special Education  To the process of: modeling of a special educational process, development of PPT design, preparation of					the regulatory framework for the useof ICT and			practice-oriented
Communication Technologies in Special Education  Communication Technologies in Special Education  assistive technologies and devices individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of					the classification of ICT in specialeducation;	Socially-		project
Technologies in Special Education individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of		Information and			expediently selects didactic, developmental or	oriented project		
Education  Individually, justifies hischoice; effectively uses all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of	10	Communication			assistive technologies and devices -			
Education  all the built-in features of the OS in the process of: modeling of a special educational process, development of PPT design, preparation of	12	Technologies in Special			individually, justifies hischoice; effectively uses			
5 development of PPT design, preparation of		Education						
					of: modeling of a special educational process,			
				5	development of PPT design, preparation of			
production documentation					production documentation			
; applies critical thinking skills in the selection					; applies critical thinking skills in the selection			
of software products in the market of special								
services to satisfy OOP, uses network resources								
to solve research problems when writing a								
dissertation					1			
The material of the disciplina is presented in the								
contexts of theoretical-fundamental and applied								
definitions of the concept of "social and					1			
13 Communicative   communicative technology! The undergraduate	13				<u> </u>			
technologies of special masters selects and applies traditional and		0 0 1						
education modern technologies of a special teacher - at		education			1 - 1			
trainings and practices, visits the office of								

psychological and pedagogical correction at the university, works out the skills of working in the office of social and household orientation (SBO), sensory room, Montessori therapy room.  Develops programs to help families and programs to promote and popularize the ideas of inclusion in society, participates in the development of Roadmaps to improve the provision of comprehensive assistance to children with disabilities in the Republic of Kazakhstan, contributes to the elimination of social and psychological barriers in the process

**Module3:** "Comprehensive support of persons with OOP in the educational process" - CS *Module description :* 

Throughout the civilized world, society has come to understand that, in accordance with universal morality and the requirement of social justice, discrimination in education is unacceptable. The strategic development plan of the Republic of Kazakhstan until 2025, according to paragraph 1.1 "Ensuring accessibility and inclusiveness of education", provides for the achievement of the following goals: Providing psychological and pedagogical support for inclusive education, the creation of the CPPC, the development of curricula forpersons with OOP. The goals set indicate the demand for methodological and personnel support for comprehensive psychological and pedagogical support for persons with OOP (children, adolescents and adults) in education and society, the main and important aspects of which are presented in the content of the disciplines of module 3. The disciplines of the module reveal organizational and methodological foundations of comprehensive support for persons with special needs of psycho-physical development, including the main content of the principle of inclusiveness of general education, are familiar with domestic regulatory legal acts that legislatively ensure the creation of conditions for obtaining high-qualityspecial educational services, analyze Causes of difficulties in learning and socialization. After studying the module, the undergraduate will be ableto write an algorithm for identifying and assessing special educational and social needs, determine the content and methods of psychological and pedagogical support for students in the educational process at different levels of education, give recommendations for the preparation of individual and abbreviated curricula for a student with OOP, individual programs of comprehensive support, to take the first steps in organizational and methodological work on the development of inclusive practices in the organization of education

SQUAR E  Indergraduate will be able to demonstrate understanding and knowledge in the field of socio-psychological psychology of adults with OOP; is able to analyze and synthesize social and psychological knowledge in the field of psychological knowledge in the field psychological and psychological knowledge in the field psychological knowled			PD		In the course of studying the discipline, the	Lecture –	RO 8	Written
ofsocio-psychologicalpsychology of adults with OOP; is able to analyze and synthesize social and psychological knowledge in the rehabilitation of adults with special educational disabilities; master the skills of using methods and technologies of rehabilitation, socialization and professional growth persons with special educational backgrounds, will be able to get acquainted with the work of the resource and advisory office for undergraduates with OOP at the university.  In the course of the trial, the judges will master examples of the practical use of therapeutic technologies with children with OOP (art technologies, ICT technologies, etc.) based on a scientific approach based on the Cabinet of Psychological and Pedagogical Correction at the university. has the skills of empathic understanding of the child, his emotional and sensual sphere, organizes and conducts psycho trainings, explaining the methodology, constructs the training process, anticipates the results and consequences  In its daily activities, it takes into account national, ethno-cultural and confessional					_	,		
Androgogy of individuals with OOP  Androgogy of individuals with of which special educational disabilities; master the skills of using methods and technologies with the work of the resource and advisory office for undergraduates with OOP at the university  In the course of the trial, the judges will master examples of the practical use of therapeutic technologies, etc.) based on a scientific approach based on the Cabinet of Psychological and Pedagogical Correction at the university, has the skills of empathic understanding of the child, his emotional and sensual sphere, organizes and conducts psycho trainings, explaining the methodology, constructs the training process, anticipates the results and consequences  In its daily activities, it takes into account national, ethno-cultural and confessional			Е			,		0 0
Androgogy of individuals with OOP  and psychological knowledge in the rehabilitation of adults with special educational disabilities; master the skills of using methods and technologies of rehabilitation, socialization and professional growth persons with special educational backgrounds, will be able to get acquainted with the work of the resource and advisory office for undergraduates with OOP at the university  In the course of the trial, the judges will master examples of the practical use of therapeutic technologies, itc.) based on a scientific approach based on the Cabinet of Psychological and Pedagogical Correction at the university, has the skills of empathic understanding of the child, his emotional and sensual sphere, organizes and conducts psycho trainings, explaining the methodology, constructs the training process, anticipates the results and consequences  In its daily activities, it takes into account national, ethno-cultural and confessional						*		standardized tests
Androgogy of individuals with OOP  rehabilitation of adults with special educational disabilities; master the skills of using methods and technologies of rehabilitation, socialization and professional growth persons with special educational backgrounds, will be able to get acquainted with the work of the resource and advisory office for undergraduates with OOP at the university  In the course of the trial, the judges will master examples of the practical use of therapeutic technologies with children with OOP (art technologies, ICT technologies, etc.) based on a scientific approach based on the Cabinet of Psychological and Pedagogical Correction at the university. has the skills of empathic understanding of the child, his emotional and sensual sphere, organizes and conducts psycho trainings, explaining the methodology, constructs the training process, anticipates the results and consequences  In its daily activities, it takes into account national, ethno-cultural and confessional					· · · · · · · · · · · · · · · · · · ·			
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disabilities; master the skills of using methods and technologies of rehabilitation, socialization and professional growth persons with special educational backgrounds, will be able to get acquainted with the work of the resource and advisory office for undergraduates with OOP at the university  In the course of the trial, the judges will master examples of the practical use of therapeutic technologies with children with OOP (art technologies with children with OOP) (art technologies, ICT technologies, etc.) based on a scientific approach based on the Cabinet of Psychological and Pedagogical Correction at the university. has the skills of empathic understanding of the child, his emotional and sensual sphere, organizes and conducts psycho trainings, explaining the methodology, constructs the training process, anticipates the results and consequences  In its daily activities, it takes into account national, ethno-cultural and confessional	14	~ ·			-	_		
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characteristics and folk traditions					·			
					characteristics and folk traditions			

		PD		Disiciplina forms an in-depth knowledge and	Problem lecture,	RO 6,	Written
		SQUAR		understanding of the etiology and pathogenesis	seminar, work	RO 8	
		E		of developmental disorders; understanding of	with literature,		Reflective
	Medical and social			modern theories of ontogenesis of disorders;	,		Portfolio
16	support for persons with			consolidates the ability to analyze and	Case study		
	OOP			summarize the system of knowledge about the	•		
				social support of persons with OOP. The	Lesson study		
				undergraduate will get acquainted with the	Ĭ		
				methods of screening to identify children at risk			
		-		The objectives of mastering the discipline are:			
				assimilation of the conceptual foundations of			
				health preservation in the education system as a			
				necessary condition for the upbringing of a			
				healthy young generation and the improvement			
				of Kazakhstani society as a whole; effective			
			5	development of the discipline will ensure the			
			3	formation of the foundations of a humanistic			
				worldview and a culture of health; fostering			
				healthy lifestyle skills; study of pedagogical and			
	Health-Saving			psycho-hygienic technologies of health			
17	Technologies in Special			preservation. The ultimate goal of the discipline			
	Education			- to contribute to the formation of educational			
				and research competencies in solving problems			
				in the field of health preservation, as well as a			
				humanistic, tolerant, reflexive position in the			
				practice of protecting human life and health -			
				will be implemented in a practice-oriented way			
				- through the acquisition of practical skills on			
				the basis of the Cabinet of Psychological and			
				Pedagogical Correction and the Resource			
				Center for the Development of Special and			
				Inclusive Education			

18	Interdisciplinary activity in the education of persons with OOP	PD SQUAR E		Disiciplina forms knowledge and understanding of the need to carry out interdisciplinary activities in the education of persons with OOP, the undergraduate will master the scientific organization of labor in interaction with various specialists and parents, the skills of "team assessment" when working with children with OOP will be formed.	Lecture – discussion, seminar, work with literature, Master'sassault	LO7 RO 9	Written  Educational practice-oriented project
19	Designing programs of psychological and pedagogical support for the family		5	In the course of mastering the discipline, undergraduates will be able, through the development of a special algorithm, to develop and implement programs for psychological and pedagogical support of the family, to determine the types and forms of inclusion of parents of children with OOP in the correctional and developmental process with The goal is to form in them a steady need for the application and use of psychological and pedagogical knowledge for the development of the child			Draft Program for Assistance to Parents of Children with ASD
20	Monitoring in Special Education	PD SQUAR E	6	Desiciplina forms knowledge about the main phenomena and patterns in the field of education of persons with OOP, the features of the monitoring process in special education; understanding the specifics of conducting monitoring studies in inclusive educational institutions; The undergraduate will be ableto apply various monitoring methods and techniques, technologies and approaches, develop diagnostic tools for assessing the quality of special educational services	Interactive lecture  Colloquium  Brainstorming  Insert  TRIZ-work	RO 8, RO 9	Written  Practice-oriented educational project

	Modern technologies of	The discipline forms the practical skills of
	criteria-based assessment	pedagogical qualimetry on the example of
	and control	assessing the achievements of students with
		OOP. In the course of studying the discipline,
21		undergraduates will get acquainted with the
		types and functions of administrative control,
		regulatory legal acts regulating this process, and
		modern technologies of criteria-based
		assessment in a special organization

## Module 4 "Innovative Approaches in Special Education" IA

Module description:

IPSO-4 In the context of the modernization of education , the problem of creating optimal conditions for the development, upbringing and training of persons with special needs is of particular relevance, which correspond to the trends in reforming education on the way to its openness, democracy and accessibility for all categories of the country's population, as well as with the introduction of innovative technologies into the educational environment. Socio-economic transformations taking place in In Kazakhstan, global trends in humanization, integration and globalization of society cause significant changes in education and upbringing: new tasks are set, innovative educational and educational technologies are used, the content and forms of organization of the educational process are updated, modern personality-oriented pedagogical technologies and scientific and methodological achievements are introduced into the educational process. The content of the Module is devoted to the study of the features of new pedagogical technologies used in working with children with OOP. Undergraduates will train in the field of innovative technologies (health-saving, gaming and multimedia)) for specific cases, taking into account the objectives of the training and the capabilities of the teacher and the organization. The identification of the criteria for the effectiveness of pedagogical technologies that determine the innovative orientation is one of the most important skills that a master's student should master based on the results of training within the framework of the Module. The student will be able to distinguish between assistive, developmental and didactic technologies, learn to recognize and name the advantages and value of technical means of teaching children with disabilities. He will master the techniques of creating his own (original) technical means, using free Internet services. Special preventive measures that create a favorable educational and correctional environment for the effective application of innovati

		PD		The educational content of the disciplines	Lecture -	RO 7,	Written
		SQUAR		reveals the basic concepts and forms skills in		RO 8,	
22	Designing an inclusive	E		the technology of planning the educational	,	RO 9	Practice-oriented
22	educational process		6		seminar		educational
	-			setting, selection of content, methods, forms and			project with
				means, monitoring of the inclusive educational			elements

				process, forms the ability to apply modern technologies of management in education in the context of ensuring equal access of children with OOP to quality education.  The purpose of studying the discipline: the formation of systemic, interpersonal and subject competencies that ensure effective pedagogical	work with literature,  Case Study  Lesson-Study		Lesson-Study
				activity in designing the process of teaching, upbringing and development of children with OOP in an inclusive educational organization for their further social adaptation and labor rehabilitation.			
23	Socio-pedagogical acmeology			As a result of mastering the discipline, the undergraduate analyzes the aspects and directions of pedagogical acmeology, the psychological and acmeological foundations of professional reflection, pedagogical communication, pedagogical artistry, ethical and cultural knowledge of the teacher, tolerance in pedagogical communication, the problem of identifying pedagogical acmeology			
24	Methods of teaching professional disciplines at the university	PD SQUAR E	5	The discipline forms the knowledge and skills of the methodology of teaching professional disciplines at the university; the ability toapply various methods and techniques, technologies and approaches in the field of methods of teaching professional disciplines at the university. The undergraduate will have the opportunity, under the guidance of a leading teacher, to realize himself as a teacher of the University.	Lecture – discussion, seminar work with literature: content analysis,	LO5, LO7, RO 8, RO 9	Written  Draft Working Curriculum in one of the subjects

25	Modern approaches to the development of the content of special education	The undergraduate will master the concept of "Modern and special educational process" through the development of special educational programs (general education, adapted, abbreviated, correctional and developmental, typical, individual) and conditions in whichx these EPs will be implemented as efficiently as possible; learn to calculate the risks and prospects, based on the characteristics of the development of each child, to implement an individual pedagogical approach, manifested in a special organization of the correctional and pedagogical process, the use of special methods and means of education, compensation and correction, and an adequate living environment	
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**Module 5 "Research Workshop on Working with Persons with OOP"** RW *Module description :* 

The module is a practical accompaniment of theoretical knowledge acquired by students in the study of academic disciplines of the EP. The main goal of the Research Practicum is to ensure the process of forming a set of professionally significant competencies of future special teachers through actions in the "here and now" format, performing tasks and exercises that strengthen the applied orientation of training specialists and contribute to the formation of their readiness to work in the conditions of educational inclusion. Thus, The module allows you to form the ability and readiness to solve professional problems in a special and inclusive educational space. The content of the workshop involves the formation of students' academic, social, personal and professional competencies, as well as a systematic vision and understanding of the depth of tasks aimed at ensuring the quality of educational results for all participants in an inclusive educational space. Effective mastering of the Module will provide the undergraduate with the readiness to optimally organize the educational environment for each child with OOP, to put into practice knowledge about the positive aspects of the personality, the specifics of the educational activities of various categories of "special" children and to be able to use them in their work; show a tolerant attitude towards all participants in the educational process, professional and personal tact, be able to to resist stereotypes about low value, limited opportunities for the development and socialization of children. The workshop will help to become able and ready to apply pedagogical technologies, methods of teaching and education in practice in the context of inclusive education, to adapt educational information to the characteristics and needs of each child, to be able to create educational materials and teaching aids taking into account the principle of universal design, to use assistive technologies in the educational process; to be able to accept the position of "teacher of spe

26	Research work of a master's student, including an internship and the implementation of a master's thesis (SRWM)		1	As part of the research work, the undergraduate will be able to understand the research methodology, compose a scientific apparatus, carry out experimental research based on achievements in the field of special and inclusive education, and demonstrate the results	Experimental and practical work	-	Report
	INVESTIGATIONS	RW	1	of research work.			
27	Research work of a master's student, including an internship and the implementation of a master's thesis (SRWM)		2	The undergraduate will have the opportunity to carry out research on the basis of a special educational organization, or an organization that implements inclusive education with various categories of children with OOP and of different ages, according to the topic	Experimental and practical work	-	Report
	Academic Writing	RW	2	investigations			
28	Research work of a master's student, including an internship and the implementation of a master's thesis (SRWM)	RW	3	As part of the research work, the undergraduate will be able to report the results of the study at international and national conferences, etc., to present the results in publications of COKSON journals	Experimental and practical work	-	Report
	INVESTIGATIONS		4				
29	Research work of a master's student, including an internship and the implementation of a master's thesis (SRWM)	RW	11	As part of the implementation of research work, the undergraduate is able to make a comparative analysis of the results of the study, develop a model within the framework of research in the field of education and upbringing of children with OOP, develop guidelines that can be	Experimental and practical work	-	Report

				applied to work in special organizations and organizations that implement inclusive education, and receive an act of implementation on them.			
30	Research Practice	RW	3	As part of the research practice, the undergraduate will carry out experimental work on the education and upbringing of children with OOP in the conditions of special and inclusive education, work with documentation. He will visit special educational organizations and schools that implement inclusive education in order to determine the research base and the category of children with OOP.	Lab	-	Report
31	Research Practice	RW	4	As part of the implementation of research practice, the undergraduate will be able to creatively perform experimental work within the framework of the dissertation research (constituting, formative experiment) on the issues of teaching and raising children with OOP in the context of special and inclusive education, work with documentation.	Lab	-	Report
32	Pedagogical practice	RW	4	In the course of pedagogical practice, undergraduates will have the opportunity to prove themselves as a teacher of higher education, will be able to conduct lectures, seminars, get acquainted with the documentation of a university teacher	Educational process	-	Report
33	Registration and defense of the master's thesis (OiZMD)	FE	8	Completion of the dissertation, registration Preparation of the master's thesis, defense	•	Defens e	Registration and defense of the master's thesis (RDMT)