

CATALOGUE OF ELECTIVE DISCIPLINES
«6B01903- Training of specialists for children with a intellectual disorders»

Cycle of disciplines	Name of disciplines and their main sections labor	Intensity (ECTS)
DB 1	CYCLE OF BASIC DISCIPLINES (DB)	
1.	Fundamentals of Economics and business	5
	Social production. The essence, forms, structure of capital. Production cost. Income production in a market economy. The concept of business. Types of business activity. Theory of property, social forms of management. Goods, money. Socio-economic system. The emergence of the market. Financial system. The role of the state in business development. Macroeconomics. Resource saving. Cyclical economic development. Inflation and unemployment. Kazakhstan in the system of world economic relations.	
2.	Inclusive education	5
	The role of inclusive education in social and educational policy. Legal support, models, forms, types of inclusive education. pedagogy and psychology of inclusive education. Psychological and pedagogical support of subjects of inclusive education. Design of individual educational programs and routes for people with PLO in inclusive education. Creation of adaptive educational environment in conditions of inclusive education. Psychological and pedagogical technologies of work with children with disabilities and their families. Interaction with teachers and psychologists in the organization of inclusive education	
3.	Management in special pre-school education and electronic documentation	5
	Improvement and development of professional skills of the administrative apparatus (Directors and head teachers) of special educational organizations, contributing to the improvement of the level of management to improve the quality of education. Familiarity with electronic documentation, automation of office work, documentation; storage of information about the data, the amount of hours allocated to the program; introduction of an electronic journal	
4.	Social orientation	5
	Methods of social orientation of students with intellectual disabilities special (correctional) school. The object, purpose and objectives of the SO. Features of mental and physical development of children with intellectual disabilities. Methods. Principles and forms of organization of work on SO.	
5.	Preschool oligophrenopedagogy	5
	The path to becoming oligophrenopedagogy pre-school. The subject and objectives of the course of preschool oligophrenopedagogy. Initial theoretical positions and principles of preschool Oligophrenopedagogics. Connection of preschool Oligophrenopedagogics with other Sciences. Methods of preschool oligophrenopedagogy as a science. Common problems oligophrenopedagogy pre-school	
6.	Bio-clinical foundations of special education I (Anatomy, physiology and pathology of hearing, speech and vision)	5
	The structure and functioning of pathological abnormalities of hearing, speech and vision, the study of research methods, correction and rehabilitation in the pathology of hearing, speech and vision. Familiarity with various disorders, anatomical and physiological structure of hearing, vision, speech.	

7.	Bio-clinical bases of special education III (bases of genetics. Mental disorder in children)	5
	Study of the molecular and cellular level of heredity to determine the patterns of transmission of hereditary information. To identify the causes of hereditary diseases, study mutational processes and pathogenesis of hereditary diseases. Chromosomes. Karyotype. Mitosis. Meiosis. Chromosomal theory of heredity. Genetic code	
8.	Bio-clinical bases of special education II (Neuropathology)	5
	Study of features in the development of children with disabilities as a result of various diseases: mental retardation, hereditary pathology, disorders of the musculoskeletal system, hearing, vision, speech, etc. Neurosurgery and Psychiatry. Encephalitis. Osteochondrosis. Radiculitis. Polio's	
9.	Clinical features of development of children with SEN	5
	Familiarization with the ontogenesis of children in the norm and children with SEN ; training in methods of examination of children with SEN ; familiarization theoretically and in practice with the clinical symptoms of various diseases; to form the theoretical basis for further perception of the necessary biomedical and clinical knowledge.	
10.	Early childhood development and special preschool pedagogy	5
	Familiarization with the content aspects of providing early correctional and developmental assistance to children with SEN ; study of the characteristics of young children with various disorders of psychophysical, legal acts regulating the activities of special educational organizations providing educational services to young children with SEN	
11.	Theory and methods of education of children with intellectual disabilities	5
	Arming with knowledge of theoretical bases of modern pedagogical science, knowledge about the sphere of education, essence, regularities, content, structure of the process of education in a special school, about modern pedagogical technologies; to acquaint with the key competencies in the implementation of educational activities in a special school, necessary for the effective organization of education in various socio-cultural conditions; to develop an idea of students about the goals, methods, means and forms of education	
12.	Psychophysical development of children with complex disorders	5
	Introduction of students with complex disorders in children, the principles of their diagnostic study and ways of correctional assistance; theoretical foundations of differential diagnosis in working with children with complex disorders; rules of organization and content of correctional and educational work in special educational institutions providing educational services to children with complex disorders.	
13.	Correctional and oligophrenopedagogy	5
	Features of mental development of children with intellectual disabilities. Subject, goal and objectives of oligophrenopedagogy. The use of methods and techniques in psychological research of children with intellectual disabilities. Features of mental development of children with intellectual disabilities. Providing psychological assistance to children with intellectual disabilities	
14.	Special psychology with psychological and pedagogical diagnostics	5
	The study of key concepts of special psychology, research Methodology and the main directions of its research. To form ideas about the essence of the defect in children with various developmental disabilities, the features of their mental	

	development. Features of sensation and perception, memory, attention, imagination, thinking of children with SEN.	
PD 2	CYCLE OF PROFILE DISCIPLINES	10
15.	Methods of teaching mathematics to children with intellectual disabilities	5
	Psychological, pedagogical and organizational features of the processes of teaching, education and development of children with intellectual disabilities; General issues of methods of teaching mathematics to children with intellectual disabilities; to Formulate the goals of training, education and mathematical development of children with intellectual disabilities, according to the goals and objectives of training, education, development based on an individually differentiated approach to students, taking into account their educational needs and cognitive interests; to Choose appropriate methods and forms of education. Typical program. Long - term, medium-term and short-term planning. Principles of training. Requirements for conducting a math lesson in a special school.	
16.	Formation of social and communicative skills in children with intellectual disabilities	5
	Methods and techniques of speech therapy diagnosis of disorders of writing and reading. Lack of formation of the emotional sphere, violations of communicative interaction in the family, low status in interaction with peers, difficulties in educational activities	
17.	Research methods in the correctional	5
	General theoretical issues of methodological support of psychological and pedagogical research. Method of observation. Method of psychological and pedagogical diagnostics of children with intellectual disabilities. Verbal-communicative methods in oligophrenic pedagogy. The method of the experiment. Research results, their interpretation and generalization.	
18.	Psychocorrective technologies in early childhood autism	5
	Stages of the first symptoms of ECA; Originality of the child's speech; Strangeness of reactions to the environment. Development of sensory sphere; development of fine motor skills; development of tactility; development of communication skills; Ability to listen to silence. Development of cognitive sphere.	
19.	Technology of teaching the history of Kazakhstan in a special (correctional) school	5
	Methods of teaching and learning rodinovedenie in a school for children with intellectual disabilities. The purpose and task of the content of the work. Teaching the subject "History of Kazakhstan". Typical program. Long - term, medium-term and short-term planning. Principles of training. Requirements for the lesson "History of Kazakhstan" in a special school.	
20.	Correction of cognitive activity and development of psychomotor and sensory processes	5
	Methods of correction of cognitive activity of children with intellectual disabilities. The subject and objectives of correctional cognitive activity. Features of correctional activity with children with intellectual disabilities. Classification and diagnosis of developmental disorders. Principles and methods of work in the examination and correction of violations of students.	
21.	Speech therapy work in intellectual disorders	5
	Examination of the state of speech development. Development of impressive speech. Development of expressive speech. Formation of sentences from several	

	words. Formation of grammatical structure of speech. Formation of sound pronunciation, syllabic structure of the word. Formation of phonemic perception. Formation of coherent speech	
22.	Social adaptation of children with intellectual disabilities in inclusive education	5
	Providing psychological and pedagogical support to children with PLO during the entire educational process; the concept of social adaptation, legal framework. The problem of social adaptation and rehabilitation. Social incompetence. Lack of experience with peers and adults.	
23.	Methods of teaching language to children with intellectual disabilities	5
	(native) language; to carry out selection of the content, methods, techniques, means and forms of training taking into account the individual and differentiated approach; to carry out correctional and educational process on the basis of specific technologies of training in the language of persons with intellectual disabilities;	