

Study program: Speech and Language Pathology, Special Education and Rehabilitation for Persons with Difficulties in Mental Development			
Type and level of studies: Basic Academic			
Title of the subject: Developmental Neurology			
Lecturer: Pavlović M. Aleksandra			
Course status: Elective			
ECTS: 6			
Prerequisites: Basic knowledge in physiology with anatomy of the nervous system and neurology			
Aim: Recognizing the clinical features of the most common neurological diseases of children and adolescents. Understanding the etiopathogenesis of central and peripheral nervous system and muscle diseases, including the basics of metabolic and genetic factors. Mastering basic concepts from neurological propedevtics of children and adolescents and supplementary diagnostic methods. Practical knowledge of the assessment of developmental neurological entities in terms of the existence of damage leading to permanent or temporary disability and requiring special education and rehabilitation.			
Outcomes: Ability of students to recognize the basic symptoms and syndromes within developmental neurological diseases and the needs of patients, children and adolescents for special education and rehabilitation.			
Content <i>Lectures:</i> <ul style="list-style-type: none">• Basics of embryology, development of central and peripheral nervous system and normal psychomotor development• Congenital malformations of the nervous system and diseases in the age of the newborn• Neurological examination of newborns, small children, school children and adolescents and supplementary diagnostic methods• Developmental neuropsychological disorders and specific developmental disorders of school skills• Autism, childhood cerebral palsy, neglect / hyperactivity syndrome of the neurological basis of intellectual impairment• Epilepsy, sleep disorders, headaches and neurological paroxysmal disorders• Tumors and hydrocephalus• Inflammatory diseases of the nervous system and infectious diseases of the nervous system• Demyelination and dismelioration <i>Practical work:</i> Basics of clinical assessment of neurological problems and case studies that are processed in the theoretical part of teaching.			
Literature Pavlović DM. Neurologija. Bograd, Srbija: Orion Art, 2016. Pavlović DM, Pavlović AM. Higher cortical functions. Basics of behavior neurology and neurophychology. Belgrade, Serbia. Orion Art, 2016			
Number of active classes per week:	Lecture: 2	Practical work: 2	
Teaching methods: classical educational method using video presentations and active involvement of students in work, Case studies			
Evaluation of knowledge (maximum score 100)			
Pre obligations	Score	Final exam	Score
activites during the lectures	10	written exam	40
practical teaching		oral exam	20
midterm(s)	30	
seminars			