

Study program: Special Education and Rehabilitation			
Type and level of studies: Basic Academic Studies			
Title of the subject: Developmental Eye Disorders			
Lecturer: Miroslav R. Stamenković			
Course status: Obligatory for the module Sensorimotor Disability Elective for modules: of Visual Impairments; Motor Disability			
ECTS: 5			
Prerequisites: Passed exams: Medical Physiology and Human Genetics			
Aim: Introduction to the basics of ophthalmology. Normal embryonic development of the eye. Study of individual eye segments and functional tests in ophthalmology is in the function of understanding the level and form of visual impairment.			
Outcomes: Acquiring knowledge about developmental eye disorders, which is in the function of understanding the specificity of visual functioning and other characteristics of the person with visual impairment.			
Content <i>Lectures:</i> Embryology. Development of visual functions. Evaluation of visual function in children. Heredodegenerative diseases. Teratogenic factors in the emergence of anomalies of the organs of vision. Colobomatous anomalies of the organs of vision. Developmental disorders of the skull and the eye cavities, eyelids, lacrimal apparatus, eyeball, cornea, chamber angle, vitreous body, choroid, retina, optic nerve. Disturbance of eyeball motility in developmental age. Nystagmus. Developmental eye disorders associated with developmental disorders of the central nervous system and other organ systems. <i>Practical work:</i> The students will be instructed to provide complete visual function assessment included: visual acuity, ocular motility, stereo visual acuity and electrophysiological tests.			
Literature 1. Avramović, S. (2007). <i>Razvojni oftalmološki poremećaji</i> . Beograd: Fakultet za specijalnu edukaciju i rehabilitaciju. ISBN 86-80113-56-5. 2. Aramović, L., Avramović, S. (2003). Razvojne anomalije po veličini očne jabučice mikroftalmus. <i>Istraživanja u defektologiji</i> , 2, 49-53. ISSN 1451-3285. 3. Avramović, L., Avramović, S. (2005). Teratogeno delovanje alkohola na razvoj organa vida. <i>Istraživanja u defektologiji</i> , 7, 229-236. ISSN 1451-3285.			
Number of active classes per week:	Lecture: 2	Practical work: 1	
Teaching methods: Lectures, practical classes, seminars and consultations. Interactive teaching – group work of students.			
Evaluation of knowledge (maximum score 100)			
Pre obligations	Score	Final exam	Score
activities during the lectures	20	written exam	/
practical teaching		oral exam	50
midterm(s)	30		