

**Faculty of Medicine / MEDICINE / OPHTHALMOLOGY**

<b>Course:</b>	OPHTHALMOLOGY			
<b>Course ID</b>	<b>Course status</b>	<b>Semester</b>	<b>ECTS credits</b>	<b>Lessons</b> (Lessons+Exercises+Laboratory)
654	Mandatory	11	5	3+2+0
<b>Programs</b>	MEDICINE			
<b>Prerequisites</b>	No conditionality			
<b>Aims</b>	In this course, students will learn about the morphology of the eye, causes of eye diseases, as well as their clinical presentation and treatment.			
<b>Learning outcomes</b>	After completing the course and passing the exam in the Ophthalmology, the student of Dentistry should have the following learning outcomes: 1. be familiar with the most common eye diseases, knows the causes of the disease, the clinical presentation and the treatment method 2. to timely recognize anomalies in the eyes in children and refer such children to an ophthalmology specialist 3. recognizes presbyopia in children refers them to an ophthalmology specialist 4. recognize the need for vision correction in adults and refers them to an ophthalmology specialist 5. reads the findings of the basic functional vision tests 6. provides first aid in case of eye injuries 7. diagnoses correctly emergency conditions in ophthalmology and provides adequate and immediate help			
<b>Lecturer / Teaching assistant</b>	Prof. dr Antoaneta Adžić-Zečević i dr Danijela Đurović			
<b>Methodology</b>	lectures, exercise, consultations, discussion			
<b>Plan and program of work</b>				
Preparing week	Preparation and registration of the semester			
I week lectures	Introduction to ophthalmology. Eye anatomy and embryology			
I week exercises				
II week lectures	Anatomy, pathology of the eyelids, diagnosis and treatment of the most common diseases of the eyelids			
II week exercises	The Assessment of Visual Function and Functional Vision			
III week lectures	Anatomy, physiology and pathology of cornea and sclera and tear ducts			
III week exercises	Introduction to ophthalmology equipment such as ophthalmoscope, slit lamp, tonometer, OCT machine, phacoemulsifier, microperimeter			
IV week lectures	Anatomy, physiology and pathology of the choroid			
IV week exercises	Examination of patients' eyes using slit lamp			
V week lectures	Anatomy, physiology and pathology of the retina			
V week exercises	Examination of patients' eyes using slit lamp. Introduction to OCT and OCT angiography, fluorescein angiography, Goldmann perimetry			
VI week lectures	Anatomy of the anterior eye chamber. Glaucoma.			
VI week exercises	Measurement of the patients' ocular pressure using tonometer			
VII week lectures	Anatomy, physiology and pathology of the lens. Cataract. First colloquium.			
VII week exercises	Examination of patients' eyes using slit lamp, with the special attention to the patients' lens position and opacity			
VIII week lectures	Anatomy of the orbit. Orbital tumors.			
VIII week exercises	Introduction to Hertel exophthalmometer.			
IX week lectures	Accommodation of the eye. Refraction.			
IX week exercises	Refraction Eye Exam.			
X week lectures	Binocular vision and anatomy of the extraocular muscles (bulbomotors)			
X week exercises	Examination of the patients in the orthoptic-pleoptic cabinet.			
XI week lectures	Anatomy, physiology and pathology of the optical nerve. Treatment of the optical nerve diseases. Second colloquium.			
XI week exercises	ophthalmoscopy, OCT of the optic nerve, perimetry and pseudoisochromatic tables			

XII week lectures	Eye injuries.					
XII week exercises	Taking an anamnesis from an injured patient and examination of the injured eye using slit lamp.					
XIII week lectures	Diagnosis and treatment of the emergencies in ophthalmology.					
XIII week exercises	Examination using ophthalmoscope.					
XIV week lectures	Occupational medicine and ophthalmology.					
XIV week exercises	Pre-final exam consultations.					
XV week lectures	Remedial colloquium.					
XV week exercises						
<b>Student workload</b>	Student load (per week): 3x45 minutes of lectures, 2x45 minutes of exercise Totalload: (3 h45 mins) x 15 = 56 hours and 25 minutes					
<b>Per week</b>			<b>Per semester</b>			
<b>5 credits x 40/30=6 hours and 40 minuts</b> 3 sat(a) theoretical classes 0 sat(a) practical classes 2 excercises <b>1 hour(s) i 40 minuts</b> of independent work, including consultations			Classes and final exam: <b>6 hour(s) i 40 minuts x 16 =106 hour(s) i 40 minuts</b> Necessary preparation before the beginning of the semester (administration, registration, certification): <b>6 hour(s) i 40 minuts x 2 =13 hour(s) i 20 minuts</b> Total workload for the subject: <b>5 x 30=150 hour(s)</b> Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) <b>30 hour(s) i 0 minuts</b> Workload structure: <b>106 hour(s) i 40 minuts (cources), 13 hour(s) i 20 minuts (preparation), 30 hour(s) i 0 minuts (additional work)</b>			
<b>Student obligations</b>			Regular attendance of lectures and exercises. They need to write and present one seminar paper each.			
<b>Consultations</b>			Consultations are provided to the professor if necessary.			
<b>Literature</b>			Obavezna literatura: Golubović S. OFTALMOLOGIJA za studente medicine, Beograd, Medicinski fakultet Univerziteta u Beogradu, 2009.			
<b>Examination methods</b>			First colloquium 20 pints Second colloquium 20 pints Seminar paper 10 points Final exam 50 points			
<b>Special remarks</b>						
<b>Comment</b>						
<b>Grade:</b>	F	E	D	C	B	A
<b>Number of points</b>	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points