

Faculty of Medicine / STOMATOLOGY / OPHTHALMOLOGY

Course:	OPHTHALMOLOGY			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
654	Mandatory	7	2	1+1+0
Programs	STOMATOLOGY			
Prerequisites	No conditionality.			
Aims	In this course, students will learn about the morphology of the eye, causes of eye diseases, as well as their clinical presentation and treatment.			
Learning outcomes	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 2. knows the causes of the disease, the clinical presentation and the treatment method 3. Applies the acquired knowledge with the aim of timely treatment of dental diseases and thus has a preventive effect on the reduction of inflammatory processes in the eye.			
Lecturer / Teaching assistant	Prof. dr Antoaneta Adžić-Zečević, dr Danijela Đurović			
Methodology	Lectures, exercises, consultations, seminar work, colloquium, final exam			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Introduction to ophthalmology. Eye anatomy and embryology			
I week exercises				
II week lectures	The Assessment of Visual Function and Functional Vision.			
II week exercises	Introduction to ophthalmology equipment such as ophthalmoscope, slit lamp, tonometer, OCT machine, phacoemulsifier, microperimeter			
III week lectures	Anatomy, physiology and pathology of cornea and sclera			
III week exercises	Examination of patients' eyes using slit lamp			
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	The teeth as a focal point of eye disease.					
XIV week exercises	Pre-final exam consultations.					
XV week lectures	Remedial colloquium.					
XV week exercises	Examination of patients' eyes using slit lamp					
Student workload	Student load (per week): 1x45 minutes of lectures, 2x45 minutes of exercise Totalload: (2 h 15 mins) x 15 = 33 hours and 45 minutes					
Per week	Per semester					
2 credits x 40/30=2 hours and 40 minuts 1 sat(a) theoretical classes 0 sat(a) practical classes 1 excercises 0 hour(s) i 40 minuts of independent work, including consultations	Classes and final exam: 2 hour(s) i 40 minuts x 16 =42 hour(s) i 40 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 2 hour(s) i 40 minuts x 2 =5 hour(s) i 20 minuts Total workload for the subject: 2 x 30=60 hour(s) 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) 12 hour(s) i 0 minuts Workload structure: 42 hour(s) i 40 minuts (courses), 5 hour(s) i 20 minuts (preparation), 12 hour(s) i 0 minuts (additional work)					
Student obligations	Regular attendance of lectures and exercises.					
Consultations	Consultations are provided if necessary.					
Literature	Obavezna literatura S.Golubović, OFTALMOLOGIJA za studente medicine, Beograd, Medicinski fakultet Univerziteta u Beogradu, 2009.					
Examination methods	Colloquium(s) = 2 x 20 points each Attendance at the lectures= 5 points Attendance at the exercise = 5 points FinalExam = 50 points. An overrun rating is obtained if you accumulate a minimum of 50 points cumulatively					
Special remarks						
Comment						
Grade:	F	E	D	C	B	A
Number of points	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