

1.	Subject	OPHTHALMOLOGY			
2.	Code	OM 523			
3.	Study Program	General medicine			
4.	Organizing Institution (Unit, Institute, Chair, Department)	UKIM-Faculty of Medicine Cathedra .of Ophthalmology			
5.	Educational degree (first or second cycle)	Integrated cycle			
6.	Study year /semester	V/ X	Ten th (X)	Number of credits	4
8.	Responsible teacher	Prof.Vesna Dimovska Jordanova MD,PhD			
9.	Preconditions:Fulfilled criteria for assessing Xth semester			
10.	Teaching goals of the study program (competencies):				
	<ul style="list-style-type: none"> • Student's ability for learning basic pathological signs to recognize and differentiate most common ophthalmological diseases • Embracing knowledge for performing fundamental skills and general investigations for setting proper diagnosis of certain ophthalmological diseases 				
11.	Contents of the study program: Theoretical course::				
	<ul style="list-style-type: none"> • Pathology of orbit and refractions • Diseases of eyelids, conjunctiva and lacrimal system • Diseases of anterior segment – cornea, iris and lens • Classification, clinical course, diagnosis and treatment of primary and secondary glaucoma • Diseases of posterior segment – vitreous body, optic nerve, choroid and retina • Strabismus, nystagmys, amblyopic conditions 				

	Practical course:				
	<ul style="list-style-type: none"> • History and local status • Basic methods of investigation of anterior segment and slit-lamp examination • Visual acuity determination • Special methods of investigation: direct and indirect ophthalmoscopy, tonometry, gonioscopy, perimetry, ultrasound and biometry, FFA, exophthalmometry, Optical coherence tomography of anterior and posterior segment, application of laser treatment techniques in ophthalmology • Introduction with basic principles of most common surgical procedures 				

12.	Methods of studying: Interactive lectures, seminar presentations, exercises, workshop		
13.	Total no. of hours:		. 60. hours
14.	Distribution of the available time		
15.	Type of educational activity	15.1	Lectures-theoretical course 20 hours
		15.2	Practicals (laboratory, clinical), seminars, team work Practical - 30.hours Seminars – 10 hours
16.	Other types of activities	16.1	Project assignments . . . hours
		16.2	Individual tasks . . . hours
		16.3	Home studying 60. . . hours
17.	Assessment of knowledge: points		
17.1	Tests	min.-max. 2 Continuous tests total... points <ul style="list-style-type: none"> • General . .ophthalmology . . . 11,5-19 • Special ophthalmology. . . . 11,5-19 • . . . Total number - 38 points	
	Final exam	Subject: . . Ophthalmology. . . . min.-max. Practical exam 6-11 points .. Oral exam 25-41 points	
17.2	Seminar work/project (presentation: written and oral)	min.-max. Seminar works 3-5 ... points	
17.3	Active participation	min.-max. Theoretical course points 1-3 Practical course points 4-7	

18.	Knowledge assessment criteria: (points/grade)	up to 59 points	5 (five) F
		60 to 68 points	6 (six) E
		69 to 76 points	7 (seven) D
		77 to 84 points	8 (eight) C
		85 to 92 points	9 (nine) B
		93 to 100 points	10 (ten) A
19.	Criteria for obtaining a signature and taking the final exam	Conditional criteria for assessment of knowledge: In order to get a signature for the course, students are obliged to visit practical and theoretical lectures with active participation, in terms of getting minimal points for assessing the continuous tests and final exam.	
20.	Language of the course	English	

21.	Method for evaluation of the quality of education	Anonymous student's evaluation of the subject, teachers and collaborators involved in the educational activities			
22.	Literature				
	Mandatory textbooks				
		Author	Title	Publisher	Year
	1	Blagojevic M.	"Ophthalmology"		2004
	2	Cynthia A. Bredford	"Basic Ophthalmology"	Tabernakul, Skopje	2011
	3	Group of authors from the Cathedra of ophthalmology	"Practical skills for the students of ophthalmology and dentistry"	Faculty of Medicine, Skopje	Skopje, 2011
	4	Nancy B. Carlson, Daniel Kurtz	"Clinical procedures in ophthalmologic examination"	Tabernakul, Skopje	2011
	5				
22.1					

	6				
	7				
	Additional literature				
		Author	Title	Publisher	Year
22.2	1	Group of Authors	Ophthalmology (12 books)	American Academy of Ophthalmology (AAO)	2012
	2	Jack. J. Kanski	Clinical Ophthalmology	Vth Edition, Datastatus	2003
	3	Dzajkovska E, Dimovska V.	Glaucoma - Monography	Jofisken, Skopje	2005
	4	Bogoev M, Dimovska V.	Diabetic retinopathy, Monography		2000
	5				