

**International School of Medicine / Medicine (English)**

**2023 - 2024 Academic Year**

**EYE DISEASES**

**Syllabus**

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
EYE DISEASES	ISM5014625	Yearly	25+27	0	4
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Practice				
<b>Course Coordinator</b>	Assoc.Prof. Sevil KARAMAN ERDUR				
<b>Name of Lecturer(s)</b>	Prof.Dr. Göktuğ DEMİRCİ, Prof.Dr. Mehmet Selim KOCABORA, Prof.Dr. Cengiz ARAS, Assoc.Prof. Sevil KARAMAN ERDUR, Prof.Dr. Didem SERİN, Assoc.Prof. Funda DİKKAYA, Assoc.Prof. Şenay AŞIK NACAROĞLU, Prof.Dr. Sevil ARI YAYLALI				
<b>Assistant(s)</b>					
<b>Aim</b>	We aim to provide the fundamentals of ophthalmology, starting with the basics of how to take a history, how to correct refractive errors, do the eye examination, the management of acute eye problems, and causes of acute or gradual loss of vision. We will also discuss the areas of the eye and visual disturbance in more detail .				
<b>Course Content</b>	This course contains; OCULAR ANATOMY AND PHYSIOLOGY OF VISION, DIAGNOSTIC METHODS IN OPHTHALMOLOGY, BASIC EYE EXAMINATION, REFRACTIVE ERRORS OF THE EYE, REFRACTIVE SURGERY, VASCULAR DISORDERS OF THE RETINA ,OCULAR EMERGENCIES, PEDIATRIC OPHTHALMOLOGY AND STRABISMUS, RETINOPATHY OF PREMATURITY, UVEITIS AND BEHÇET'S DISEASE, OCULAR INJURIES, ACQUIRED DISORDERS OF THE RETINA, HEREDITARY DISORDERS OF THE RETINA, DISORDERS OF THE CRYSTALLINE LENS, DISORDERS OF THE CORNEA, DISORDERS OF THE CONJUNCTIVA AND OCULAR SURFACE, OCULAR AND ORBIT TUMORS, GLAUCOMA, SYSTEMIC DISEASE AND THE EYE, DISORDERS OF THE OPTIC NERVE AND VISUAL PATHWAYS, DISORDERS OF THE ORBIT AND THE EYELIDS, DISEASES OF THE LACRIMAL SYSTEM, NEURO-OPHTHALMIC EMERGENCIES, PUPILLARY ABNORMALITIES.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
			10, 16, 9	A, D	
			10, 16, 9	A, D	
			10, 16, 9	A, D, E	
<b>Teaching Methods</b>	10: Discussion Method, 16: Question - Answer Technique, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, D: Oral Exam, E: Homework				
<b>Lecture Schedule</b>					
Sequence	Topics	Preliminary Preparation			
1	OCULAR ANATOMY AND PHYSIOLOGY OF VISION				
2	DIAGNOSTIC METHODS IN OPHTHALMOLOGY				
3	BASIC EYE EXAMINATION				
4	REFRACTIVE ERRORS OF THE EYE				
5	REFRACTIVE SURGERY				
6	VASCULAR DISORDERS OF THE RETINA				
7	OCULAR EMERGENCIES				
8	PEDIATRIC OPHTHALMOLOGY AND STRABISMUS				
9	RETINOPATHY OF PREMATURITY				
10	UVEITIS AND BEHÇET'S DISEASE				
11	OCULAR INJURIES				
12	ACQUIRED DISORDERS OF THE RETINA				
13	HEREDITARY DISORDERS OF THE RETINA				
14	DISORDERS OF THE CRYSTALLINE LENS				
15	DISORDERS OF THE CORNEA				
16	DISORDERS OF THE CONJUNCTIVA AND OCULAR SURFACE				
17	OCULAR AND ORBIT TUMORS				
18	GLAUCOMA				
19	SYSTEMIC DISEASE AND THE EYE				
20	DISORDERS OF THE OPTIC NERVE AND VISUAL PATHWAYS				
21	DISORDERS OF THE ORBIT AND THE EYELIDS				
22	DISEASES OF THE LACRIMAL SYSTEM				
23	NEURO-OPHTHALMIC EMERGENCIES				
24	PUPILLARY ABNORMALITIES				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

Resources	
1. Ophthalmology at a glance , Olver J, Cassidy L, Jutley G, Crawley L. Second edition, John Wiley & Sons Ltd, 2014.	
2. Ophthalmology, lecture notes, James B, Bron A. Eleventh Edition, Wiley-Blackwell, 2011.	
3. Kanski's Clinical Ophthalmology, Bowling B, Eighth Edition, Elsevier, 2016.-	