

International School of Medicine / Medicine (English)

2023 - 2024 Academic Year

OPHTHALMOLOGY (Elective)

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
OPHTHALMOLOGY (Elective)	ISM6014833	Yearly	0+40	0	2
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Elective				
Course Coordinator	Prof.Dr. Cengiz ARAS				
Name of Lecturer(s)	Prof.Dr. Cengiz ARAS, Prof.Dr. Didem SERİN				
Assistant(s)					
Aim	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 .				
Course Content	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.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Teaching Methods					
Assessment Methods					
Lecture Schedule					
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				
Evaluation Methods		Weight(%)			
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.-