

Course Specification

Ophthalmology

1. General information

Course Title	Ophthalmology
Code No.	OP743
Department	Ophthalmology
Teaching Hours	165hrs.
Language	English
Academic Year	Fourth Year
Course Coordinator	Dr. Fawzia Eljerari
Date and Signature	October 2020

1.1 . Number of hours per week

Lectures: 3 hrs.

Clinical: 12hrs. (1 month)

Tutorial: 1 hr.

3. Objectives of Course:

- To enable students to be familiar with normal structure of the eye.
- To enable students to recognize and manage usual ophthalmic problems as well as common causes of visual loss.
- To enable students to correlate between the eye and other specialties (Systemic diseases).
- To enable students to face the ophthalmic emergencies

3. Intending Learning Outcomes (ILOs):

a. Knowledge and Understanding:

On successful completion of the course, student will be able to:

a.1	Define the anatomy and physiology of the eye and identify the causes and management of the most common diseases affecting the eye.
a.2	Outline the management of ocular emergencies in priority.
a.3	Determine therapeutic lines for important and basic ophthalmic diseases.
a.4	Determine the appropriate diagnostic tool used in the diagnosis of common ophthalmic problems
a.5	Describe the clinical symptoms and signs of common ocular diseases, and ocular manifestations associated with systemic diseases
a.6	Recognize common causes of visual loss and their management

b. Intellectual skills:

On successful completion of the course, student will be able to:

b.1	Interpret the most important symptoms and signs of diseases in ophthalmic patients
b.2	Define basic investigations related to important ocular diseases.

c. Practical and Professional Skills:

On successful completion of the course, student will be able to:

c.1	Perform a proper clinical assessment of the common ophthalmic problems.
c.2	Recognize different ophthalmic emergencies and their first aid.
c.3	Take a proper history for the patient.
c.4	Perform adequate basic ophthalmic examination to identify deviations from normal
c.5	Present patient data in an organized and informative manner

d. General and Transferable skills:

On successful completion of the course, student will be able to:

d.1	Communicate properly with patients to have relevant data related to their problems.
d.2	React kindly and respectfully to the patients during history taking and clinical examination.
d.3	Utilize IT skills and biostatics properly to present significant work.

4. Course Contents:

Academic Subject	Total Hours (165)	Lectures	Clinical	Tutorials
Anatomy and Physiology of the Eye	15	14	--	1
Ophthalmic Optics	9	4	4	1
Examination of the Eye	14	2	10	2
Diseases of the Eye	73	50	20	3
Disorders of Motility of the Eyes	18	10	6	2
Diseases of the Adnexa of the Eyes	15	10	4	1
Preventive Ophthalmology	3	2	--	1
Ocular pharmacology	3	2	--	1
Laser application in ophthalmology	4	1	2	1
Eye in systemic disease	6	3	2	1
Red eye and ocular emergency	5	2	2	1

5. Teaching and Learning Methods :

- Formal Lectures
- Tutorials and case-based discussion
- Clinical sessions:
 - Clinical rounds (small- group teaching, practice of clinical skills, video demonstration of basic operative procedures).
 - Students are divided into 4 groups attending outpatient clinics and inpatient rounds and attending the emergency shifts periodically.

6. Evaluation Methods

Evaluation Method		Date	Marks 100	%	ILOs Assessed
1	Mid-year Exam	June	15	15%	Knowledge, understanding and intellectual skills
2	Final Exam	November	85	85%	
	▪ Written		30		Knowledge, understanding and intellectual skills
	▪ Clinical		40		knowledge, understanding and intellectual skills Practical and professional skills General and transferable skills
	▪ Oral		15		Knowledge, understanding and intellectual skills Professional, general and transferable skills

The minimal passing score is 30% in the written exam, and 60% of the total including clinical and oral exams.

7. Evaluation Schedule:

Evaluation	Date
Mid-term written exam: 15 MCQs	June
Final written exam: 60 MCQs	November
Practical exam: spotting of 25 clinical cases (slides). 5 clinical cases (spots).	November
Oral exam: conducted by external examiners	November

8. References:

Reference Title	Publisher	Edition	Author	Place
Course handouts			Department Staff	Library
Kanski clinical ophthalmology	Elsevier Health Sciences	5 th 2004	Jay Menon Jack J. Kanski	
Oxford Hand Book of Ophthalmology	Oxford University Press	2 nd 2009	Alastair Denniston Philip Murray	

Course Coordinator: Dr. Fawzia Eljerari

Signature:

Programme Coordinator: Dr. Hussain Amaigil

Signature:

Head of Department: Dr. Fawzia Eljerari

Signature:

Date: October 2020

Course ILOs Mapping Matrix – Ophthalmology

Topic	Knowledge and Understanding a						Intellectual Skills b		Practical and Professional Skills c					General and Transferable Skills d		
	1	2	3	4	5	6	1	2	1	2	3	4	5	1	2	3
Anatomy and Physiology of the Eye	x													x	x	x
Ophthalmic Optics				x				x	x				x	x	x	x
Examination of the Eye				x			x	x			x	x	x	x	x	x
Diseases of the Eye	x				x	x	x	x	x	x				x	x	
Disorders of Motility of the Eyes	x	x					x	x	x	x		x	x	x	x	
Diseases of the Adnexa of the Eyes	x	x					x	x	x	x		x	x	x	x	
Preventive Ophthalmology	x						x	x	x				x	x	x	x
Ocular pharmacology		x	x				x	x					x	x	x	x
Laser application in ophthalmology		x	x			x	x	x	x	x			x	x	x	
Eye in systemic disease	x				x	x	x	x	x	x			x	x	x	x
Red eye and ocular emergency		x	x				x	x	x	x			x	x	x	x