



Master Degree (OPH226D)

COURSE SPECIFICATION

(General medicine & Neurology)

Faculty of Medicine- Aswan University

(A) Administrative information

(1) Programme offering the course:	Master degree of Ophthalmology programme
(2) Department offering the programme:	Ophthalmology department
(3) Department responsible for teaching the course:	Ophthalmology department
(4) Part of the programme:	Master degree of Ophthalmology programme 1 st part
(5) Course title:	internal medicine and Neurology
(6) Credit hours	5
(7) Total teaching hours:	10 hours

(B) Professional information

(1) Course Aims:

The broad aim of the course is to educate students about general medicine in relation to the eye also to provide the students with updated data and researches

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A1	Recognize and describe ocular manifestations of systemic disease.
A2	Recognize and describe ocular manifestations of ocular toxicology of systemic medications
A3	Recognize the basis of critical role of Primary Care Physicians in preventing visual loss by appropriate treatment and referral.
A4	Discuss ophthalmic related health care system.
A5	Explain the management of the ophthalmic related health care system.

B- Intellectual skills

I1	Comment on ocular manifestations of systemic disease and ocular toxicology of systemic medications.
I2	Take a history and do a physical examination of the patient presenting with ocular symptoms.
I3	Manage the ophthalmic related health care system.
I4	To learn the critical role of Primary Care Physicians in preventing visual loss by appropriate treatment and referral.
I5	Comment on ocular manifestations of neurological disorder.
I6	Take a history and do a physical examination of the patient presenting with neurological symptoms.
I7	Manage the ophthalmic related health care system.
I8	To learn the critical role of Primary Care Physicians in emergency by appropriate treatment and referral.
I9	Interpret the data answering the question where and what is the lesion

(3) Course content:

Title	Teaching Hours (10)
1. Cardiovascular diseases: Bacterial endocarditis, Hypertension – Arteriosclerosis Vascular diseases (Vasculitis: arterial, venous, capillary)	1
2. Endocrinal diseases: Pituitary – Thyroid – Parathyroid – Suprarenal – Thymus	0.5
3. Diabetes Mellitus	1
4. Uraemia	0.5
5. Collagen diseases: Rheumatoid arthritis, Systemic Lupus Erythematosis	0.5
NEUROLOGY	
5. Clinical neurological examination	1
6. Cranial nerves 1-12	0.5
7. Papilledema -Optic atrophy- Chiasmal lesions	1
8. Paralytic squint- Ophthalmoplegia	0.5
9. Ptosis – lid retraction.	0.5
10. Trigeminal neuralgia – hyperaesthesia – hypoaesthesia – anaesthesia	0.5

11. Facial palsy - Blepharospasm	0.5
12. Miosis – mydriasis - Anisocoria	0.5
13. Nystagmus	0.5
14. Pituitary tumours ,sellar and para sellar lesions	0.5
15. Demyelinating diseases	0.5

(4) Teaching methods:

4.1 : Lecture

4.2 : Practical class

4.3 : Small group discussion with case study and problem solving

(5) Assessment methods:

5.1 : Written Examination for assessment of ILOs knowledge & intellectual.

5.2 : Oral examination

5.3 : Practical examination

5.4 : MCQ examination

Assessment schedule:

Assessment 1: written after 1 year from master registration

Assessment 2: Oral exam 1 year from master registration

Assessment 3: MCQ exam for continuous assessment of knowledge and intellectual skills at the end of the semester after 15 weeks

Assessment 4 Log book required activities to go through 1st part examination.

Percentage of each Assessment to the total mark:

Written exam: 60 Marks including 20% MCQ

Oral exam 45 Marks