

Subject Description Form

Subject Code	SO4001
Subject Title	Ocular Pathology 1
Credit Value	3
Level	4
Pre-requisite	Students are required to have attempted: Ocular Anatomy and Physiology 1 (SO2005), and Ocular Anatomy and Physiology 2 (SO2006)
Objectives	<ol style="list-style-type: none"> 1. To provide the student with the signs and symptoms of eye diseases 2. To familiarise the student with the appropriate action to be taken when eye disease is recognised
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. describe the signs and symptoms of primary and secondary eye disease involving the anterior segment encountered in clinical practice b. describe the signs and symptoms of problem involving the orbit and orbital structures c. describe the signs and symptoms of glaucoma d. analyse the clinical findings to make appropriate diagnosis e. take appropriate action when these diseases are recognised including proper inter-professional referral
Subject Synopsis/ Indicative Syllabus	<p>Diseases of the eyelids and the lacrimal system Corneal and conjunctival problems Diseases of the sclera and uveal tract Crystalline lens and cataract Ocular injury and trauma Conditions of the orbit and orbital structures Refractive surgery Clinical aspects of ultrasound, CT and MRI Glaucoma</p>
Teaching/Learning Methodology	<p>Lecture: Signs and symptoms of eye diseases, and their management will be covered. Real examples will be used to illustrate different presentation of the diseases.</p> <p>Tutorial: Student-centred tutorial so students, as a group, can share problems among themselves and try to solve them together. It also helps students to consolidate what they have learned from the lectures.</p>

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)				
			a	b	c	d	e
	1. Coursework (tests)	50	✓	✓	✓	✓	✓
	2. Examination	50	✓	✓	✓	✓	✓
Total	100						
<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Several written tests will be arranged during the course to examine students' knowledge on various topics individually. This can help students build up their knowledge gradually.</p> <p>Final examination will be arranged to examine students' knowledge on all the topics covered because patients could have more than one ocular problem. Students have to be familiar with all of them.</p>							
Student Study Effort Required	Class contact:						
	▪ Lecture						35 Hrs.
	▪ Tutorial						4 Hrs.
	Other student study effort:						
	▪ Self-study						80 Hrs.
	Total student study effort:						119 Hrs.
Reading List and References	<p><u>Prescribed Reading</u> Bowling B. Kanski's Clinical Ophthalmology: a systematic approach. 8th. ed. 2015 Saunders. Bruce AS, Loughnan MS. Anterior eye disease and therapeutics A-Z. 2nd ed. 2011 Churchill Livingstone. Pavan-Langston D. Manual of ocular diagnosis and therapy. 6th ed. 2008 Lippincott Williams & Wilkins. Bruce AS, O'Day J, McKay D, Swann PG. Posterior eye disease and glaucoma A-Z. 2008 Butterworth-Heinemann.</p> <p><u>Recommended Reading</u> Riordan-Eva P, Cunningham Jr. ET. Vaughan & Asbury's General Ophthalmology. 18th ed. 2011 McGraw-Hill Medical. Spalton DJ, Hitchins RA, Hunter PA. Atlas of Clinical Ophthalmology. 3rd ed. 2005 Elsevier-Mosby. Harry J, Misson G. Clinical ophthalmic pathology. 2001 Butterworth-Heinemann.</p>						