

655-332 Functional Disorders of Vision II

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 36 lectures (three per week) and 72 hours of practical work (six hours per week) which includes rostered clinical practice in the last eight weeks of semester Total Time Commitment: 120 hours total time commitment.
Prerequisites:	Approval from the Head of Department.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.
Coordinator:	Prof Neville McBrien
Subject Overview:	This subject gives a detailed account of the nature, origins, course, treatment and prognosis of the congenital and developmental disorders of vision and provides training in the optometric procedures for the examination of the eyes and for the treatment of visual disorders. On completion of the subject students will be able to investigate patients' visual problems, make a diagnosis and plan an appropriate course of management. Topics include refractive anomalies of the eye including explanations of the origin and development of refractive errors and methods of refraction. There is a series of lectures on the disorders of higher visual function and a series of lectures on clinical assessment of colour vision disorders. Practical sessions introduce students to the methods of determination of refraction, assessment and treatment of disorders of ocular motility and binocular coordination, and the detection of ocular disease. Students are required to complete weekly assignments to develop their clinical skills. In the latter part of the semester, students undertake clinical practice and the examination of patients in the clinic.
Objectives:	.
Assessment:	Reports on clinical methods assignments and two patient assessments during the semester (15%); a 3-hour written examination in the examination period (85%). Satisfactory completion of the practical and written examination components and the clinical practice is necessary to pass the subject.
Prescribed Texts:	M Scheiman and B Wick, <i>Clinical Management of Binocular Vision</i> , Philadelphia Lippincott, 1994 D B Elliot, <i>Clinical Procedures of Primary Eye Care</i> 3rd edn, Butterworth Heinemann, 2007
Recommended Texts:	A G Bennett and R B Rabbetts, <i>Clinical Visual Optics</i> 3rd edn, Butterworths, 1998
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	This subject is only available to Bachelor of Optometry students.

Special requirements: Students should have an approved direct ophthalmoscope and retinoscope, gonioscope, binocular indirect ophthalmoscope, two fundus lenses epilation forceps, two white coats, pre-focused pen torch or transilluminator, inter-pupillary rule, a set of optical screwdrivers, cover paddle, phoria card and a set of four flippers (lenses and prisms). Students are strongly advised to purchase their own equipment which they will continue to use in 4th -5th year and after graduation. However, those students who do not have their own equipment will be able to borrow equipment for classes. Students are required to conform to prescribed dress and conduct requirements when assigned to all clinical duties with patients