655-330 Functional Disorders of Vision

Credit Points:	25.000
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: , - Taught on campus.
Time Commitment:	Contact Hours: 72 lectures (three per week), 144 hours of practical work (six hours per week through the year) which includes rostered clinical practice in the last eight weeks of Semester 2 Total Time Commitment: Not available
Prerequisites:	Successful completion of all 200-level subjects.
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 N A 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; anomalies of accommodation including presbyopia; the anomalies of ocular motility and binocular vision including their clinical assessment and treatment; disorders of the light sense; and strategies of problem solving, history taking and case assessment. There is a series of lectures on the scientific method in clinical sciences and on disorders of higher visual function. A series of lectures on clinical assessment of colour vision disorders is given in Semester 2. 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 2, students undertake clinical practice and the examination of patients in a clinical setting.
Assessment:	A 3-hour written examination in the first semester examination period (40%); a 3-hour written examination in the second semester examination period (40%); clinical practice assignments during second semester (20%). Satisfactory completion of the clinical practice assessment is necessary to pass the subject.Hurdle Requirement: a 1-hour practical examination in clinical methods is held at the end of the first semester, which must be passed in order to proceed with clinical practice in the second semester.
Prescribed Texts:	Clinical Visual Optics (A G Bennett and R B Rabbetts), 3rd edn, Butterworths, 1998 Clinical Management of Binocular Vision (M Scheiman and B Wick), Philadelphia Lippincott, 1994 The Ocular Examination, Measurements and Findings (K Zadnik), W B Saunders, 1997
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, gonioprism, 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. Students are strongly advised to purchase their own equipment which they will continue to use in 4 th -5 th 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.
Related Course(s):	Bachelor of Optometry