655-341 Ocular Histopathology

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: 24 one-hour lectures and 18 hours of practical and tutorial classes Total Time Commitment: 120 hours total time commitment.
Prerequisites:	655-201; Pathology 531-202 or 531-201.
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:	Dr Alex Gentle
Subject Overview:	This subject will require the student to apply knowledge gained in 531-201/531-202 Principles of Pathology and 655-201 Anatomy and Histology of the Eye to understanding the changes which occur in the ocular tissues during eye disease. Upon completion of this subject students should understand the general principles of inflammation and wound healing as applied to ocular tissues. In addition, students will understand the process of tissue damage secondary to traumatic or infectious insult, along with the different aspects of the immune response. Students should be able to identify and interpret the light and electron microscopic changes that occur within ocular tissues during different disease processes. Specific topics to be covered will include ocular disease processes associated with cell injury and cell death, the immune response and allergy, development and ageing, the nervous system, surgical and non-surgical trauma, neoplasia, glaucoma, and the circulatory, haemopoetic and endocrine systems. Throughout the subject an emphasis will also be placed on the student developing a good understanding of the pathogenesis of ocular diseases.
Objectives:	.
Assessment:	A 35-minute slide examination based on practical work held during the semester (20%); a 2-hour written examination in the examination period (80%). Hurdle requirement: students must submit a satisfactorily completed computer-aided learning worksheet following each practical class.
Prescribed Texts:	None
Recommended Texts:	M Yanoff and B S Fine, *Ocular Pathology* 5th edn, Mosby-Wolfe, 2003
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2009/D09)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2009/F04)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05)**

	You should visit **learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html)** and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.
Related Course(s):	Bachelor of Optometry
Related Majors/Minors/ Specialisations:	Vision Science