

511-106 Oral Health Sciences 1B

Credit Points:	18.750
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 108 hours of lectures, seminars, practical work and computer assisted learning Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Associate Professor Stuart Dashper
Subject Overview:	<p>This subject comprises four modules:</p> <p><i>Anatomy and Oral Histology:</i> Microscopic structure of human oral tissues; mucosa, enamel, dentine, pulp, cementum, periodontium, alveolar bone, salivary glands, TMJ; odontogenesis and embryology; the structure and function of the nerve and vascular supply of the head and neck; lymphatic drainage of the head; and the pterygomandibular space.</p> <p><i>Physiology:</i> The physiology of the nervous, respiratory, circulatory, digestive, endocrine and musculo-skeletal systems; the neurophysiology of pain and other sensory processes as well as taste and swallowing (deglutition).</p> <p><i>Pathology:</i> Inflammation and infections; defense mechanisms, immunology, healing and repair; pathological conditions causing abnormal bleeding; neoplasia and cardio-vascular disease; disorders of the nervous system and endocrine system; and infectious diseases and allergies.</p> <p><i>Microbiology:</i> An introduction to chemistry and its relevance to human mineralized tissues; the role of microorganisms in human infection; bacteriology of dental plaques, the microbiology associated with dental caries and periodontal disease; asepsis and infection control in dental practice; aspects of virology including hepatitis and human immunodeficiency virus.</p>
Assessment:	1) One 3-hour written examination at the end of second semester and 2) written assignments and practical tests throughout the semester. A pass is required in each of sections 1 and 2 for an overall pass in this subject.
Prescribed Texts:	None
Recommended Texts:	<ul style="list-style-type: none"> # Essentials of Oral Histology and Embryology: A Clinical Approach (JK Avery), 2nd edn, Mosby, 2000 # A Colour Atlas and Text of Oral Anatomy, Histology and Embrology (BKB Berkovitz, GR Holland and BJ Moxham), 2nd ed, Wolfe Medical, 1992

	# Functional Histology (PR Wheater, HG Burkitt and VG Daniels), 2nd edn, Churchill Livingstone, 1987
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
Generic Skills:	# Planning # Effective utilisation of time
Related Course(s):	Bachelor of Oral Health