

## ORAL20003 Oral Health Sciences 2A

<b>Credit Points:</b>	12.50
<b>Level:</b>	2 (Undergraduate)
<b>Dates &amp; Locations:</b>	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 56 hours of lectures, seminars, computer assisted learning and clinical work Total Time Commitment: Not available
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Coordinator:</b>	Prof Michael Mccullough
<b>Contact:</b>	Melbourne Dental School 4th Floor, 720 Swanston Street Telephone: +61 3 9341 1500 Email: <a href="mailto:enquiries@dent.unimelb.edu.au">enquiries@dent.unimelb.edu.au</a> <a href="http://www.dent.unimelb.edu.au/">http://www.dent.unimelb.edu.au/</a>
<b>Subject Overview:</b>	This subject comprises three modules:  <i>Oral Medicine and Pathology:</i> Healing and repair in the oral cavity; developmental abnormalities of the dentition; microbiology, biochemistry and pathology of caries and periodontal diseases; pigmentation of the oral mucosa; oral ulcerations; premalignant oral lesions; cysts of the oral region; dysplasia and neoplasia of the oral mucosa; odontogenic neoplasms; dermatological and salivary gland disorders; infectious diseases and specific oral infections; oral manifestations of haematological disorders; antibacterial, antifungal, anti-inflammatory and antiseptic agents.  <i>Pharmacology and Pain Management:</i> Analgesics; local anaesthetic agents and drug schedules; the pharmacology of local analgesia; applied anatomy relevant to local analgesia, administration of infiltration and inferior dental nerve block analgesia, complications of local analgesia and the management of dental pain.  Oral Biology: The causation, natural history, clinical appearance and prevention and treatment of periodontal diseases.
<b>Objectives:</b>	On completion of this subject, students should: <ul style="list-style-type: none"> <li># Be able to recognise oral pathology in the clinical situation and to instigate appropriate referral;</li> <li># Comprehend the relevance to dental care of the various medical conditions and associated therapies;</li> <li># Be able to demonstrate understanding of the principles of pharmacology in relation to drugs and other medical agents used in dentistry; and</li> </ul>

	<ul style="list-style-type: none"> <li># Have developed skills in the administration of local analgesia.</li> </ul> <p>Have an understanding of:</p> <ul style="list-style-type: none"> <li># The causes and pathogenesis of the common oral conditions;</li> <li># The management of the common oral disorders; and</li> <li># the biochemistry of the teeth, supporting structures and saliva.</li> </ul>
<b>Assessment:</b>	One 3-hour written examination at the end of Semester 1 (90%) One 15-minute viva voce examination and competency based practical assessment in mid-semester (10%). A pass in the competency based practical assessment must be obtained before treatment of patients can commence in Semester 2.
<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	<ul style="list-style-type: none"> <li># Cawson RA and Odell EW <b>1998 <i>Essentials of Oral Pathology and Medicine</i></b>, 6th ed, Oxford University Press</li> <li># Dionne R and Phero JC (eds), <b>1993 <i>Management of Pain and Anxiety in Dental Practice</i></b>, 2nd ed, Elsevier</li> <li># Soames JV and Southam JC <b>1993 <i>Oral Pathology</i></b>, 2nd ed, Oxford University Press</li> <li># Ibsen OAC and Phelan JA <b>1996 <i>Oral Pathology for the Dental Hygienist</i></b>, 2nd ed, Saunders</li> <li># Scully C and Cawson RA <b><i>Medical Problems in Dentistry</i></b>, 5th ed, Elsevier Churchill Livingstone</li> <li># Malamed SF <b>1994 <i>Handbook of Local Anaesthesia</i></b>, Mosby</li> <li># Tyldesley WR and Field EA <b>1995 <i>Oral Medicine</i></b>, 4th ed, Oxford Medical</li> <li># Vardaxis NJ <b>1994 (reprint 2000) <i>Pathology for the Health Sciences</i></b>, MacMillan, Australia</li> <li># Wray D, Lowe GD, Dagg SH, Felix DH and Scully C <b>1999 <i>Textbook of General and Oral Medicine</i></b>, Churchill Livingstone</li> </ul>
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	<p>On completion of this subject, students should have developed the following skills:</p> <ul style="list-style-type: none"> <li># multimedia;</li> <li># communication;</li> <li># comprehension and critical analysis of scientific concepts and principles</li> <li># problem solving</li> <li># leadership and team work</li> <li># critical analysis and decision making.</li> </ul>
<b>Related Course(s):</b>	Bachelor of Oral Health