

# DENT90058 Oral Structure and Function 1

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2011, Parkville This subject commences in the following study period/s: January, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 178 (122 contact and 56 non-contact) Total Time Commitment: Not available
<b>Prerequisites:</b>	12.5 points of human anatomy, 12.5 points of physiology and 12.5 points of biochemistry at 2nd year level.
<b>Corequisites:</b>	None.
<b>Recommended Background Knowledge:</b>	None.
<b>Non Allowed Subjects:</b>	N/A.
<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 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>	Assoc Prof Menaka Abuzar
<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="mailto:enquiries@dent.unimelb.edu.au">mailto: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 facilitates learning of head and neck anatomy, the embryology and histology of the head, neck and oral structures, tooth development, oral anatomy and masticatory function including associated muscles and the nervous system. The subject also integrates the development of the orofacial tissues from the embryonic stages through to completion of growth. The importance of growth phases and the influence this has on provision of dental treatment in the specialties of paediatric dentistry and orthodontics is also introduced. Students are encouraged to construct organisational frameworks to assist learning of this subject.
<b>Objectives:</b>	<p>On completion of this subject, the students will:</p> <p><b>be competent to describe:</b></p> <ol style="list-style-type: none"> <li>1 the processes of growth and development of the head and neck region;</li> <li>2 the anatomical structure of the head and neck region;</li> <li>3 the structure of dental hard tissues</li> <li>4 the three dimensional shape of teeth</li> </ol> <p><b>be able to analyse:</b></p> <ol style="list-style-type: none"> <li>1 processes of development of the orofacial structures and teeth</li> <li>2 the bio-dynamic nature of masticatory function;</li> <li>3 the fundamental relevance of growth phases in relation to dental treatment in the specialties of orthodontics and paediatric dentistry.</li> </ol> <p><b>be able to demonstrate skills:</b></p> <ol style="list-style-type: none"> <li>1 in the use of correct terminology and nomenclature of head, neck and oral anatomy essential for the practice of dentistry;</li> </ol>

	2 of comparing relevant features of human and animal oral anatomy.
<b>Assessment:</b>	2 x 20 minute MCQ exams on Dental Head and Neck Anatomy - 1 mid-way through Teaching Block 1 and one at the end of Teaching Block 1 (30%); Dental Head and Neck Anatomy practical book (5%); 1 x 20 minute MCQ test on growth and development of orofacial structures (embryology and histology) at the end of Teaching Block 1 (5%); 1 x 2 hour written examination on Dental Head, Neck and Oral Anatomy (including growth and development) and masticatory function at the end of Teaching Block 2 (50%).
<b>Prescribed Texts:</b>	Berkovitz BKB, Holland GR and Moxham BJ 2009 A Colour Atlas and Text of Oral Anatomy, Histology and Embryology 4th ed, Mosby Elsevier
<b>Recommended Texts:</b>	None.
<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>Students should:</p> <ol style="list-style-type: none"> <li>1 be able to access new knowledge from different sources, analyse and interpret it in a critical manner;</li> <li>2 develop skills in effective communication with teaching staff and peers;</li> <li>3 develop effective organisational skills and time management;</li> <li>4 develop skills in team work;</li> <li>5 be able to identify and address their own learning needs.</li> </ol>
<b>Related Course(s):</b>	Doctor of Dental Surgery