DENT90058 Oral Structure and Function 1

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 126 (indicative) Total Time Commitment: Total of 182 hours (indicative): 126 contact (indicative), 56 non-contact (indicative)
Prerequisites:	None.
Corequisites:	None.
Recommended Background Knowledge:	None.
Non Allowed Subjects:	N/A.
Core Participation Requirements:	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. 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
Contact:	Melbourne Dental School 4th floor 720 Swanston Street Telephone: +61 3 9341 1500 Email: **enquiries@dent.unimelb.edu.au (mailto:enquiries@dent.unimelb.edu.au)** http://www.dent.unimelb.edu.au/
Subject Overview:	This subject (which will be continued as "Oral Structure and Function 2" in blocks 3 and 4) 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. Student learning will also include the importance of neuroscience (the structure and function of the brain, nervous system) in dentistry with the sense of taste and pathways of pain. The subject also integrates the development of the orofacial tissues from the embryonic stages through to completion of growth.
Objectives:	On completion of this subject, the students will: **be able to explain**: 1 the processes of growth and development of the head and neck region; 2 the terminology and nomenclature of oral anatomy essential for basic dental science; 3 the anatomical structure of the head and neck region; **be able to demonstrate skills**: 1 in the use of correct terminology and nomenclature of head, neck and oral anatomy essential for the practice of dentistry; 2 in discussing and visualising the three dimensional shape of teeth; 3 in identifying and describing the structure of dental hard tissues; **be able to analyse**: 1 the pathways of pain from the orofacial structures; 2 processes of development of the orofacial structures and teeth; 3 the structure of a tooth and its biomechanical function in the oral cavity;

	4 the bio-dynamic nature of masticatory function.
Assessment:	2 x 40 minute (35 questions) MCQ exams on Dental Head and Neck Anatomy (10% each, based on tutorials, practicals and CAL sessions in weeks 1-4 and weeks 1-8 respectively) - 1 in week 4 of Teaching Block 1 and one in week 8 of Teaching Block 1 (20%); Dental Head and Neck Anatomy practical book, which must be completed and signed off for a minimum of 80% of practicals, due last week of Block 2 (10%); 1 x 60 minute (45 questions) MCQ test Dental Head, Neck and Oral Anatomy, masticatory function and Neuroscience including growth, development and histological structure of orofacial structures (embryology and histology), due at the end of Block 2 (15%); 1 x 2 hr written examination on Dental Head, Neck and Oral Anatomy, masticatory function and Neuroscience including growth, development and histological structure or orofacial structures (embryology and histology) at the end of Teaching Block 2 (55%).
Prescribed Texts:	Avery JK, Chiego DJ 2006 Essentials of Oral Histology and Embryology 3rd ed, Mosby Elsevier Berkovitz BKB, Holland GR and Moxham BJ 2009 A Colour Atlas and Text of Oral Anatomy, Histology and Embryology 4th ed, Mosby Elsevier Hiatt JL, Gartner LP 2010 Textbook of Head and Neck Anatomy 4th ed, Wolters Kluwer, Lippincott Williams and Wilkins
Recommended Texts:	None.
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:	Students should: 1 be able to access new knowledge from different sources, analyse and interpret it in a critical manner; 2 develop skills in effective communication with teaching staff and peers; 3 develop effective organisational skills and time management; 4 develop skills in team work; 5 be able to identify and address their own learning needs.
Related Course(s):	Doctor of Dental Surgery