DENT90064 Plaque Related Diseases 2

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2014.
Time Commitment:	Contact Hours: 101 (indicative) Total Time Commitment: 101 contact hours (indicative), 48 non-contact hours (indicative)
Prerequisites:	Successful completion of 1st Year Teaching Blocks 1 and 2 (Semester 1) DDS subjects.
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 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: http://www.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/ (http://www.dent.unimelb.edu.au/)**
Subject Overview:	This subject will assist students in developing knowledge regarding the common oral diseases that are caused by bacteria that are part of dental plaque, especially periodontitis and dental caries. This is a highly integrated subject that brings together advanced concepts in chemistry, biochemistry, microbiology, immunology, pharmacology, anatomy, behavioural science and clinical practice that are relevant to the understanding of oral health and disease. The students will learn about these diseases at the community, individual, cellular and molecular level. They will learn about the host immune response to both oral commensal and pathogenic bacteria. They will also learn about the links between oral and systemic health. Students will engage in extensive preclinical activities, problem-based and computer-based learning exercises that will enable them to make treatment decisions and prepare them for dental clinical practice. In Block 3 students will gain knowledge of common oral preventive procedures such as manual plaque control and use of preventive agents such as toothpastes and topical fluorides. Students will gain knowledge in the interpretation of bitewing radiographs.
Learning Outcomes:	On completion of this subject, the student should: 1 be able to collect, analyse, interpret and present oral health data; 2 be able to discuss the means of prevention and control of infectious oral diseases at the individual and community level; 3 be able to apply the knowledge gained from Semester 1 (Teaching Blocks 1 and 2) to diagnose plaque-related oral diseases; 4 be able to demonstrate knowledge of diagnosis of plaque-related oral diseases (caries and periodontal disease) using specialist diagnostic procedures and technology; 5 be able to comprehend the concepts of immunology relevant to plaque-related oral dieases; 6 have developed skills in using instruments appropriately for removal of plaque (tooth debridement) on manikins.

Assessment:	4 x 15 minute class tests on: (1) Caries diagnosis and risk assessment - Block 3; (2) Caries management decisions - Block 4; (3) Exam, diagnosis and treatment planning in periodontology - Block 4; (4) Risk factors, pathogenesis and periodontal immunity - Block 4 (20%); 2 x problem based learning sessions in Block 4 in which students will be assessed on their interactions with the facilitator and their group and the written assignment (flowchart and report) (10%); 1 x 30 minute class test on manikins with simulated periodontal disease on tooth debridement at the end of Block 4 (10%) 1 x 2 hour written exam which will encompass all aspects of material presented during the course at the end of Teaching Block 4 (60%). Section 3 is a hurdle requirement and must be passed to pass the subject overall.
Prescribed Texts:	None
Recommended Texts:	Lindhe J, Kagging T and Lang N **2008** ***Clinical Periodontology and Implant Dentistry*** 5th ed, Munksgaard OR Takei H, Newman MG, Carranza FA Jr **2006** ***Carranza's Clinical Periodontology***, 10 th ed, Saunders Fejerskov O, Kidd E **2008** ***Dental Caries: The Disease and its Clinical Management***, 2 nd ed,Munksgaard
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 have developed skills in effective communication with teaching staff and peers; 3 have developed effective organisational and time management skills; 4 be able to identify and address their own learning needs; 5 understand the need for precision, accuracy and self-evaluation.
Related Course(s):	Doctor of Dental Surgery