

DENT40003 Advances in Oral Health Research

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: At least 1 hour per week to attend a seminar or consult with their supervision about assignments. Total Time Commitment: 120 hours
Prerequisites:	Students must be enrolled in the Bachelor of Biomedicine (Honours), Bachelor of Science (Honours) or Postgraduate Diploma in Science to complete this subject.
Corequisites:	Please refer to the notes section below for details regarding the subjects to be completed.
Recommended Background Knowledge:	Dependent on the research project chosen by the student in consultation with the subject co-ordinator.
Non Allowed Subjects:	None
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, 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 websiteH: http://www.services.unimelb.edu.au/disability/
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Subject Overview:	This subject aims to extend the student's education and intellectual development in the field of biomedical science. This subject uses a structured approach to introduce students to advances in biomedical research with an emphasis on oral health science. In a series of 10 x 1hr lectures and 10 x 1 hr seminars, students are introduced to advances in oral health research.
Objectives:	<ul style="list-style-type: none"> # To become aware of the scientific advances in oral health research within the context of contemporary biomedical research. # To develop an understanding of the scientific and technical basis of selected advanced techniques in oral health research. # To appreciate the need for multi-disciplinary approaches to research within oral health science. # To gain a familiarity with the role of industry-based collaborations for the development of diagnostics and therapeutics through to clinical trials and the commercialisation process.
Assessment:	<ul style="list-style-type: none"> • Assignment 1 - a literature review, no more than 3000 words, based on advances in oral health science= 50%; • Assignment 2 – scientific critique of a selected journal article, no more than 3000 words = 50%
Prescribed 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:	<p>You should expect to develop skills in the following areas:</p> <ul style="list-style-type: none"> • critical analysis and decision making; • how to seek and retrieve relevant information; • how to work effectively in a team environment; • planning and organization; • problem solving; • time management; • extended observation; • good oral and written communication.
Links to further information:	http://www.dent.unimelb.edu.au/
Notes:	<p>To be awarded Honours with a specialisation in Oral Health Science, students must successfully complete the following:</p> <p>Semester 1 BIOM40001 Introduction to Biomedical Research (37.5 points) DENT40002 Oral Biology Research Project (37.5 points)</p> <p>Semester 2 DENT40003 Advances in Oral Health Research (12.5 points) DENT40002 Oral Biology Research Project (37.5 points)</p>
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)