

255-AA Bachelor of Dental Science

Year and Campus:	2009											
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees											
Level:	Undergraduate											
Duration & Credit Points:												
Coordinator:	-											
Contact:	Tel: +61 3 9341 - 1500 Email: enquiries@dent.unimelb.edu.au www.dent.unimelb.edu.au											
Course Overview:	<p>The Bachelor of Dental Science course is a fixed, five-year full-time program with a new integrated curriculum. Students need to pass all subjects in their current year of enrolment before being allowed to proceed to the next year of the course.</p> <p>The curriculum incorporates a variety of teaching methods for the education of dentists. It focuses on principles and concepts, fosters the integration of basic and clinical sciences and crosses traditional discipline boundaries, encouraging skills in problem solving, self-directed learning and research.</p> <p>Students may qualify for the degree with honours, which is determined by their performance in second, third, fourth and fifth years of the course.</p> <p>The first three years of the curriculum concentrate on the basic sciences relevant to dentistry, ie. anatomy, biology, chemistry, microbiology, pathology, pharmacology and neuroscience. The later years are mostly devoted to clinical practice and matters arising from practice. Practical work is undertaken in the laboratories of the health science departments of the Faculty and in those of the School of Dental Science. Students' involvement in clinical work (a component of dental practice subjects) starts in first year. Clinical work is undertaken at the Royal Dental Hospital of Melbourne in all years of the course and at other major hospitals in Melbourne and community health centres in the final year of the course. The manual and communication skills needed for clinical dentistry are developed gradually as students progress through the course.</p> <p>In addition to clinical work, dental practice subjects also include theoretical work. In particular students:</p> <ul style="list-style-type: none"> # examine the role, responsibilities and activities of the dentist in a community; # gain a basic understanding of human behaviour and development (somatic, physiological and psychological); # develop a thorough knowledge of oral anatomy, the causes of oral disease, oral disease prevention and treatment, and the ways oral health can be promoted and achieved; # explore thoroughly the concepts of total patient care; and # achieve a sound understanding of the principles of medicine and surgery and their applications in dental practice. 											
Objectives:	<p>The objectives of the Bachelor of Dental Science are to:</p> <ul style="list-style-type: none"> # produce knowledgeable, caring and competent graduates, well prepared to enter dental practice if they choose and subsequently to commence postgraduate vocational training in any area of dentistry; and # impart knowledge, attitudes and skills that will encourage and enable the graduates to practice ethical and scientifically-based health care with a high level of skill and social responsibility and continue to develop their knowledge and skills throughout their career. 											
Course Structure & Available Subjects:	-											
Subject Options:	<p>First year</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>511-121 Introduction to Biomedical Science</td> <td>Semester 1</td> <td>25.000</td> </tr> <tr> <td>511-124 Oral Health Sciences 1</td> <td>Semester 2</td> <td>37.500</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	511-121 Introduction to Biomedical Science	Semester 1	25.000	511-124 Oral Health Sciences 1	Semester 2	37.500
Subject	Study Period Commencement:	Credit Points:										
511-121 Introduction to Biomedical Science	Semester 1	25.000										
511-124 Oral Health Sciences 1	Semester 2	37.500										

	511-126 Dental Practice 1	Year Long	37.500
	Second year		
	Subject	Study Period Commencement:	Credit Points:
	511-224 Oral Health Sciences 2a	Semester 1	37.500
	511-225 Oral Health Sciences 2b	Semester 2	12.500
	511-226 Dental Practice 2	Year Long	50.000
	Third year		
	Subject	Study Period Commencement:	Credit Points:
	511-323 Oral Health Sciences 3	Semester 1	25.000
	511-324 Scientific Principles of Surgical Prac.	Semester 2	12.500
	511-326 Dental Practice 3	Year Long	62.500
	Fourth year		
	Subject	Study Period Commencement:	Credit Points:
	511-422 Dental Practice 4	Year Long	100.000
	Fifth year		
	Subject	Study Period Commencement:	Credit Points:
	511-522 Dental Practice 5	Year Long	100.000
Entry Requirements:	-		
Core Participation Requirements:	-		
Further Study:	<p>Information about the Bachelor of Science Honours is available at http://www.dent.unimelb.edu.au/dsweb/postgrad_programs/honours.html</p> <p>Information about Postgraduate programs is available at http://www.dent.unimelb.edu.au/dsweb/postgrad_programs/index.html</p>		
Graduate Attributes:	-		
Generic Skills:	<ul style="list-style-type: none"> · problem solving and decision making skills, · communication and interpersonal skills · experience in program design and implementation, · evaluation and advocacy; · planning and time management skills; · capacity and motivation for continuing independent learning; · appreciation of, and sensitivity to, cultural diversity · leadership skills · respect for intellectual integrity and scientific truth 		