THE UNIVERSITY OF SYDNEY

Dentistry
Handbook 2018

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Contents

Welcome

At the University of Sydney, we have been providing dental health education and training since 1901. The Faculty of Dentistry is part of Australia's most comprehensive group of health-related faculties, including Medicine, Nursing and Pharmacy and Health Sciences, Public Health and Medical Sciences. This breadth and depth in health education and research at Sydney provides our students with outstanding opportunities in research and education which ultimately provide gains in sustainable, innovative and excellent health care. We are committed to the sustainability of community dental health through dental health education, training and intellectual discovery. Integral to this are our University, government, industry and dental profession collaborations. To facilitate this purpose, we are undergoing an organisational change in health and launching a new Faculty of medicine and Health in 2018. Furthermore, we are 'putting the Mouth into Health', through the discovery of new knowledge translated into practice, education of the profession and leadership in public discourse.

We provide a suite of coursework and research training programs that maximise the potential of our students. We are privileged to have the most promising students enrol in dentistry and we strive to enhance and maximise their potential.

Research training is available at the Doctor of Philosophy and Master of Philosophy levels across biological and clinical sciences, population oral health and educational research. One of the faculty's goals is to integrate our basic and applied research activities to ultimately improve health and wellbeing in the community. We will achieve this through engaged enquiry, where we engage researchers, teachers, government, industry and the community. We have strong links with the Institute for Dental Research at Westmead Centre for Oral Health, the Australian Dental Association and Australian Dental Industry Association. These partners provide us with expertise, practical insight and resources for our academic activities. I encourage you to visit the research area of our website and contact us for more information. We are always on the lookout for active minds interested in a research career.

Our coursework programs cover the majority of general and specialist dental practice and public dental health. In these courses, the common goal is to develop graduates who are lifelong learners committed to the highest professional and ethical standards. We work closely with the other health disciplines in the delivery of our courses. Our postgraduate education has a major focus on advancing clinical skills for dentists, and we also offer a unique opportunity for those interested in population oral health to enrol in a postgraduate degree. Here we work closely with the School of Public Health and the NSW Health Department to develop graduates for a career in public health. For those looking for short courses, our continuing education program has a broad range of courses to meet the needs of every enquiring mind.

While our most important assets and focus are our people, we could not achieve our purpose without our university, government, industry and dental profession collaborations. We have enormous talent in our academic and administrative staff and this explains why we are able to provide the large range of courses on offer.

We look forward to you joining us, whether as a student, a staff member or someone with an interest in the future of dentistry and the health and wellbeing of our communities.

Professor Chris Peck
Dean of Dentistry

Oral Health

Bachelor of Oral Health

	Bachelor of Oral Health
Course code	EH004 or BUORAHEA1000
CRICOS code	072495J
Degree Abbreviation	BOH
Credit points required to complete	144
Time to complete full-time	3 years

Overview

The Bachelor of Oral Health (BOH) degree course is a five days a week, full-time three-year professional program designed to provide education at a university level so that graduates may register as oral health therapists, dental hygienists and/or dental therapists. The program equips students with the required skills, knowledge and experience to deliver oral health education and promotion, dental hygiene and dental therapy services to patients in NSW, as well as throughout Australia and New Zealand. The program combines a firm scientific basis with extensive skills and professional development to produce graduates who are equipped to deal with the full range of treatments that dental hygienists and dental therapists may offer in the environment within which they work.

The course is structured so that students acquire a solid science foundation in parallel with early contact with patients, and the level and amount of patient contact increases as their scientific skills and oral health competencies grow. The emphasis of the course is on prevention and health maintenance in the context of primary health care. Clinical practice largely occurs in the teaching hospitals where a team approach to patient care is practiced together with dentistry students. In their final year students have a two-week placement in Semester 1 in an area health service or community agency applying their health promotion skills. Second and third year students provide patient services in community clinics in the greater Sydney metropolitan regions.

Course outcomes

Graduates of Sydney's BOH program will be qualified in dental hygiene, dental therapy, and have skills in oral health education and promotion. Sydney's BOH graduates are setting the benchmark for oral health graduates, as more services in the public sector and dentists in private practice require practitioners with dual qualifications.

Graduates will:

- have an effective understanding of their role and the roles of others in the oral health team as they deliver dental hygiene and dental therapy services to the community, delivering dental care appropriate to their scopes of practice, and referring patients to other providers as necessary
- know how to apply theory to practice in a range of different situations, and will have the spirit of enquiry that encourages the extension of their knowledge and skill and their own professional development
- be able to assume responsibility for the treatment of their patients' oral health, including analysis, diagnosis, and the development and execution of a treatment plan
- be able to liaise confidently with a range of health providers and deliver high-quality oral health education and promotion in the community
- know their limits, personal and professional, and be able to work competently and confidently within them; and
- have the training and attributes to exercise leadership in oral health promotion, dental hygiene and dental therapy.

Further information

For further information about the BOH course visit the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/boh.php

Oral Health

Table of Undergraduate Units of Study for the Bachelor of Oral Health

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
ORHL1101 Foundations of Oral Health I	6	**C** ORHL1102, ORHL1104	Semester 1
ORHL1102 Oral Health Clinical Practice I	12	**C** ORHL1101, ORHL1104	Semester 1
ORHL1104 Life Sciences I	6	**C** ORHL1101, ORHL1102	Semester 1
ORHL1201 Foundations of Oral Health II	6	**P** ORHL1101 **C** ORHL1202, ORHL1204	Semester 2
ORHL1202 Oral Health Clinical Practice II	12	**P** ORHL1102 **C** ORHL1201, ORHL1204	Semester 2
ORHL1204 Life Sciences II	6	**P** ORHL1104 **C** ORHL1201, ORHL1202	Semester 2
Year 2			
ORHL2101 Foundations of Oral Health III	6	**P** ORHL1201 **C** ORHL2102, ORHL2104	Semester 1
ORHL2102 Oral Health Clinical Practice III	12	**P** ORHL1202 **C** ORHL2101, ORHL2104	Semester 1
ORHL2104 Life Sciences III	6	**P** ORHL1204 **C** ORHL2101, ORHL2102	Semester 1
ORHL2201 Foundations of Oral Health IV	6	**P** ORHL2101 **C** ORHL2202, ORHL2204	Semester 2
ORHL2202 Oral Health Clinical Practice IV	12	**P** ORHL2102 **C** ORHL2201, ORHL2204	Semester 2
ORHL2204 Life Sciences IV	6	**P** ORHL2104 **C** ORHL2201, ORHL2202	Semester 2
Year 3			
ORHL3101 Foundations of Oral Health V	6	**P** ORHL2201 **C** ORHL3102, ORHL3103	Semester 1
ORHL3102 Integrated Oral Health Clinical Practice I	12	**P** ORHL2202 **C** ORHL3101, ORHL3103	Semester 1
ORHL3103 Comprehensive Oral Health Management I	6	**P** ORHL2201, ORHL2202 **C** ORHL3101, ORHL3102	Semester 1
ORHL3201 Foundations of Oral Health VI	6	**P** ORHL3101 **C** ORHL3202, ORHL3203	Semester 2
ORHL3202 Integrated Oral Health Clinical Practice II	12	**P** ORHL3102 **C** ORHL3201, ORHL3203	Semester 2
ORHL3203 Comprehensive Oral Health Management II	6		Semester 2

Oral Health

Unit of study descriptions

Year 1

ORHL1101
Foundations of Oral Health I

Credit points: 6 **Teacher/Coordinator:** Peta Warren **Session:** Semester 1 **Corequisites:** ORHL1102, ORHL1104 **Assessment:** Theoretical work; written assignments and written examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study introduces students to the concepts and foundational knowledge needed for the three strands of the course including Oral Health in Society, Periodontics Theory and Cariology and Prevention 1.

ORHL1102
Oral Health Clinical Practice I

Credit points: 12 **Teacher/Coordinator:** Andrew Terry **Session:** Semester 1 **Corequisites:** ORHL1101, ORHL1104 **Assessment:** Theoretical and Simulation work, practical and written assessment; written examinations. **Mode of delivery:** Clinical experience

This unit of study introduces students to tooth morphology, the practice of dental radiography, professionalism and ethics, communication and motivational behaviour change and the development of periodontal and tooth conservation knowledge and skills in the simulation clinic.

ORHL1104
Life Sciences I

Credit points: 6 **Teacher/Coordinator:** Jinlong Gao **Session:** Semester 1 **Corequisites:** ORHL1101, ORHL1102 **Assessment:** Theoretical work; oral presentation, written reports and written examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study occupies as a significant portion of learning in Year 1 and is gradually replaced by clinically focused units of study as the course progresses. As a foundational unit of study, students are introduced to the biochemical and biological processes which are fundamental to life, cells and tissues, and introduces the anatomy of the head and neck

ORHL1201
Foundations of Oral Health II

Credit points: 6 **Teacher/Coordinator:** Peta Warren **Session:** Semester 2 **Prerequisites:** ORHL1101 **Corequisites:** ORHL1202, ORHL1204 **Assessment:** Theoretical work; written assignments and written examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

In this unit of study students build on the theoretical knowledge of periodontics cariology and prevention and are introduced to the foundations of health and the framework for health promotion.

ORHL1202
Oral Health Clinical Practice II

Credit points: 12 **Teacher/Coordinator:** Andrew Terry **Session:** Semester 2 **Prerequisites:** ORHL1102 **Corequisites:** ORHL1201, ORHL1204 **Assessment:** Theoretical work; Simulation and pre-clinical work; practical and written examinations. **Mode of delivery:** Clinical experience

In this unit, students continue to develop the skills needed for Periodontal Instrumentation and Tooth Conservation in a simulation environment, and begin to apply these hygiene skills in the pre-clinical setting. Additionally, students continue to build on foundational theory and practice of dental radiography, professionalism and ethics, communication and motivational behaviour change.

ORHL1204
Life Sciences II

Credit points: 6 **Teacher/Coordinator:** Jinlong Gao/Heather Apthorpe **Session:** Semester 2 **Prerequisites:** ORHL1104 **Corequisites:** ORHL1201, ORHL1202 **Assessment:** Theoretical work; oral presentation; written reports and written examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study introduces the anatomy and physiology of major human organ systems, biomedical sciences and general medicine that are significant in the oral disease diagnosis and patient management, and the further builds on foundational head and neck knowledge.

Year 2

ORHL2101
Foundations of Oral Health III

Credit points: 6 **Teacher/Coordinator:** Karen Lansdown **Session:** Semester 1 **Prerequisites:** ORHL1201 **Corequisites:** ORHL2102, ORHL2104 **Assessment:** Theoretical work; written assignments and written examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues to deepen the knowledge and understanding of students in periodontics and health promotion and introduce paedodontic theory, evidence based practice and research methods.

ORHL2102
Oral Health Clinical Practice III

Credit points: 12 **Teacher/Coordinator:** Rebecca Chen **Session:** Semester 1 **Prerequisites:** ORHL1202 **Corequisites:** ORHL2101, ORHL2104 **Assessment:** Theoretical, Simulation, pre-clinical work. Practical and written examinations. **Mode of delivery:** Clinical experience

In this unit of study, students are introduced to periodontic clinical practice and continue to build on radiography knowledge. Student learn the theory and practice of pain management, the application of the Caries Management System to patient care, and engage in paedodontic pre-clinical practice.

ORHL2104
Life Sciences III

Credit points: 6 **Teacher/Coordinator:** Jinlong Gao/Heather Apthorpe **Session:** Semester 1 **Prerequisites:** ORHL1204 **Corequisites:** ORHL2101, ORHL2102 **Assessment:** Theoretical work; Oreal presentation; written report and written examinations **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues to build on the knowledge of anatomy and physiology of major human organ systems, biological grounding, biomedical sciences and general medicine that are significant in the oral disease diagnosis and patient management. Case-based tutorial sessions provide the opportunity for students to integrate the basic sciences and clinical medicine, discuss the research literature, and revisit the key learning contents introduced earlier.

ORHL2201
Foundations of Oral Health IV

Credit points: 6 **Teacher/Coordinator:** Karen Lansdown **Session:** Semester 2 **Prerequisites:** ORHL2101 **Corequisites:** ORHL2202, ORHL2204 **Assessment:** Theoretical work; oral presentation, written report and examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues to deepen the knowledge and understanding of students, expanding their theoretical knowledge relevant to periodontics, paedodontics, and health education and promotion.

ORHL2202
Oral Health Clinical Practice IV

Credit points: 12 **Teacher/Coordinator:** Rebecca Chen **Session:** Semester 2 **Prerequisites:** ORHL2102 **Corequisites:** ORHL2201, ORHL2204 **Assessment:** Theoretical, Pre-Clinical, Clinical work and assignments; practical and written examinations. **Mode of delivery:** Clinical experience

In this unit of study, students are introduced to paedodontic clinical practice and continue to build on periodontic and radiograpic knowledge and skills. Student learn the theory and practice of medical emergency management, the application of evidence based practice in the clinic and further investigate the ethical and professional concepts required for accepted behaviour in clinical practice.

ORHL2204
Life Sciences IV

Credit points: 6 **Teacher/Coordinator:** Jinlong Gao/Heather Apthorpe **Session:** Semester 2 **Prerequisites:** ORHL2104 **Corequisites:** ORHL2201, ORHL2202 **Assessment:** Theoretical work; oral presentation, written report and examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study introduces the complexity of host-microbial interactions and advanced physiology and pathology of the human body and in particular to the orofacial regions. Students are encouraged to identify and investigate problems related to oral health practice, gather and interpret scientific information, and deliver logical and creative summaries to peers and mock patients.

Year 3

ORHL3101
Foundations of Oral Health V

Credit points: 6 **Teacher/Coordinator:** Cathryn Forsyth **Session:** Semester 1 **Prerequisites:** ORHL2201 **Corequisites:** ORHL3102, ORHL3103 **Assessment:** Theoretical work, assignments; written examinations. **Practical field work:** 2 week student placement **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues to deepen knowledge and understanding in Oral Health Therapy Theory, including Dental Therapy, Dental Hygiene and Oral Health in Society. Tutorials and assessments take the form of scenarios, encouraging the integration and application of critical thinking and clinical decision-making based on evidence. Students also plan, deliver and evaluate an effective oral health education program. Includes a 2-week Student Placement.

ORHL3102
Integrated Oral Health Clinical Practice I

Credit points: 12 **Teacher/Coordinator:** Kimberly Coulton/Grace Wong **Session:** Semester 1 **Prerequisites:** ORHL2202 **Corequisites:** ORHL3101, ORHL3103 **Assessment:** Clinical practice; assignments **Practical field work:** Clinical placement - NSW Health x 4 days per week x 14 weeks **Mode of delivery:** Clinical experience

This unit of study continues to give students a deepening experience of clinical care in Dental Therapy and Hygiene including treatment of patients who have special needs or are medically compromised. Students are required to demonstrate evidence based practice, which plays an integral part of the clinical experience.

ORHL3103
Comprehensive Oral Health Management I

Credit points: 6 **Teacher/Coordinator:** Grace Wong/Kimberly Coulton **Session:** Semester 1 **Prerequisites:** ORHL2201, ORHL2202 **Corequisites:** ORHL3101, ORHL3102 **Assessment:** Theoretical work; formative case reports; presentations; oral comprehensive examinations. **Mode of delivery:** Professional practice

This unit of study aims to tie together all of the clinical and theoretical knowledge gained through evidence based oral health clinical practice related to the scope of practice for Oral Health Therapists.

ORHL3201
Foundations of Oral Health VI

Credit points: 6 **Teacher/Coordinator:** Cathryn Forsyth **Session:** Semester 2 **Prerequisites:** ORHL3101 **Corequisites:** ORHL3202, ORHL3203 **Assessment:** Theoretical work; written assignments and written examinations. **Mode of delivery:** Normal (lecture/lab/tutorial) day

In this unit of study, students discuss, critique and defend theoretical and practical Oral Health Therapy concepts related to evidence based patient care. Assessments take the form of case study scenarios which encourage the integration of knowledge, understanding and sound decision-making.

ORHL3202
Integrated Oral Health Clinical Practice II

Credit points: 12 **Teacher/Coordinator:** Kimberly Coulton/Grace Wong **Session:** Semester 2 **Prerequisites:** ORHL3102 **Corequisites:** ORHL3201, ORHL3203 **Assessment:** Clinical practice. Inter-professional learning exercise. **Practical field work:** Clinical placement - NSW Health x 4 days per week x 14 weeks **Mode of delivery:** Normal (lecture/lab/tutorial) day

In this final unit of Oral Health Clinical Practice, students apply all of the clinical and theoretical knowledge gained thus far in the performance of evidence based oral health clinical practice related to the scope of practice for Oral Health Therapists. Students also participate in inter-professional learning exercise with other University health students.

ORHL3203
Comprehensive Oral Health Management II

Credit points: 6 **Teacher/Coordinator:** Grace Wong/Kimberly Coulton **Session:** Semester 2 **Assessment:** Theoretical work; summative case reports, presentations and oral comprehensive examinations **Mode of delivery:** Professional practice

The aim of this unit of study is to solidify and apply theoretical concepts, critical thinking and clinical reasoning as related to patient care within the scope of practice for Oral Health Therapists. Assessment includes the presentation of case reports and oral comprehensive examinations to demonstrate how well the student integrates their understanding of the theory and practice of patient care. External examiners assess the student's ability to provide safe and competent at graduation.

Postgraduate Coursework

What are Postgraduate courses?

Postgraduate courses are higher award courses such as graduate certificates, graduate diplomas, master's degrees and doctorates.

The Faculty of Dentistry offers postgraduate coursework study in two major areas:

- **Dental Medicine;** and
- **Clinical Dentistry.**

The following postgraduate coursework degrees, diplomas and certificate in these areas are available through the Faculty:

- Doctor of Clinical Dentistry (Oral Medicine)*
- Doctor of Clinical Dentistry (Orthodontics)*
- Doctor of Clinical Dentistry (Paediatric Dentistry)*
- Doctor of Clinical Dentistry (Periodontics)*
- Doctor of Clinical Dentistry (Prosthodontics)*
- Doctor of Clinical Dentistry (Special Needs Dentistry)*
- Doctor of Clinical Dentistry (Oral Surgery)*
- Doctor of Dental Medicine*
- Graduate Diploma in Clinical Dentistry (Advanced Restorative)*
- Graduate Diploma in Clinical Dentistry (Child Health)
- Graduate Diploma in Clinical Dentistry (Conscious Sedation and Pain Control)*
- Graduate Diploma in Clinical Dentistry (Hospital Dentistry)
- Graduate Diploma in Clinical Dentistry (Oral Biology)
- Graduate Diploma in Clinical Dentistry (Oral Implants)*
- Graduate Diploma in Clinical Dentistry (Tooth Mechanics)
- Graduate Diploma in Clinical Dentistry (Surgical Dentistry)*
- Graduate Certificate in Clinical Dentistry (Advanced Restorative)*
- Graduate Certificate in Clinical Dentistry (Child Health)
- Graduate Certificate in Clinical Dentistry (Hospital Dentistry)
- Graduate Certificate in Clinical Dentistry (Oral Biology)
- Graduate Certificate in Clinical Dentistry (Oral Rehabilitation)*
- Graduate Certificate in Clinical Dentistry (Tooth Mechanics)
- Graduate Certificate in Clinical Dentistry (Surgical Dentistry)

* Courses available for direct admission. The remaining courses are part of an embedded sequence.

Students with an interest in the public health aspects of oral health can apply through the School of Public Health, Sydney Medical School, to undertake a Master of International Public Health or Master of Public Health with a focus on Population Oral Health. Information about this course can be found on the Faculty of Dentistry website: http://sydney.edu.au/dentistry/student/postgrad.php

What is a Coursework course?

Coursework courses are similar to undergraduate study in that the student enrols in a set of units of study, with largely predetermined content and predetermined assessment. The units of study can be offered face to face, with lectures and tutorials, or offered online with set readings and a web-based forum or similar, or a combination of both. Each unit of study has a credit point value and each course has a defined number of credit points the student must attain to be awarded the qualification.

Governance, including the requirements for all postgraduate degrees, are covered in the individual chapters relating to the area of study. The information in the chapters provides a summary and is subordinate to the provisions contained within the relevant degree resolutions.

Embedded courses

Coursework courses in the Faculty of Dentistry include graduate certificates, graduate diplomas and master's degrees. Some of these are stand-alone but many of them are known as 'embedded' or 'articulated' courses. This means that the two or three levels involved are linked with overlapping content so that a student may progress through the levels seamlessly, or transfer from a higher level and be awarded a qualification with a smaller load.

For example a student may be unsure about undertaking study again after a protracted period away, so only requests admission to the graduate certificate. However, the student finds the study so relevant to their work that they decide to continue with the graduate diploma. Instead of having to reapply and repeat units of study, the student can request a transfer to the graduate diploma with full credit for their studies in the graduate certificate.

Alternatively, a student may enrol in the master's degree, but part of the way through is posted overseas for work and can't continue. The student can apply to graduate with the highest level of award for which they have satisfied the requirements, thereby adding a qualification to their list of achievements.

Another example is that a year after completing a graduate certificate, a student can apply to undertake the graduate diploma and, if accepted, will be given credit for the units of study completed in the graduate certificate.

Note that time limits do apply for returning students and that some of the courses offered are part of an embedded sequence only.

Transfer between levels is not automatic. A student must request a transfer. The request is considered by the course coordinator in the first instance, who makes a recommendation to the Chair of the Combined Board of Postgraduate Studies, who makes the final decision.

In the Faculty of Dentistry, the general structure of embedded courses is as follows:

- a graduate certificate requires 24 credit points for award
- a graduate diploma requires 48 credit points
- a professional masters degree requires 144 or 192 credit points.

Units of Study

Units of study are the building blocks of all coursework courses, each with an associated credit point value. Each award course has a number of credit points necessary for completion of the course, and these credit points are gained through successfully completing units of study.

The Tables of the Units of Study for each area of study outline the program that a student must successfully complete in order to be awarded the relevant qualification.

Each following chapter provides a description of a postgraduate course offered through the Faculty of Dentistry, the resolutions governing that course and an outlines of requirements of units of study for each course.

Some units of study have restrictions on who may enrol in the unit. The three types of restrictions are prerequisites, corequisites and prohibitions.

Prerequisites

Enrolment in a unit may only be possible if students have already completed a particular unit of study, the prerequisite.

For example, the unit of study DENT5302 Basic Life Support and Resuscitation B builds on the content of DENT5300, and without having completed DENT5300, students will not be able to understand and complete DENT5302. Hence, DENT5300 is a prerequisite for DENT53002.

Corequisites
A corequisite is where a unit of study requires a student to have already completed a second unit of study, or to enrol in it at the same time.

For example, DENT5300 Basic Life Support and Resuscitation A requires students to also enrol in DENT5301 Theory and Practice of Dental Sedation A during the same semester.

Prohibitions
A prohibition is where a student may not enrol in a unit of study if they have already completed the unit with a prohibition against it.

Clinical Dentistry

Clinical Dentistry is offered in a number of specialty stream areas aimed at increasing postgraduate training in specialist clinical practice.

Each stream is governed by the course resolutions for Clinical Dentistry, with further information and the pattern of enrolment requirements for each specialty stream outlined in the following sections.

Specialty streams

A degree in Clinical Dentistry is available in the following specialty streams:

- Conscious Sedation and Pain Control
- Oral Implants
- Oral Medicine
- Oral Surgery (includes Surgical Dentistry)
- Orthodontics
- Paediatric Dentistry
- Periodontics
- Prosthodontics
- Special Needs Dentistry

Clinical Dentistry

Doctor of Clinical Dentistry

Graduate Diploma in Clinical Dentistry

Graduate Certificate in Clinical Dentistry

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2014 (the 'Coursework Rule'), the Coursework Policy 2014, the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended), the Academic Honesty in Coursework Policy 2015 and the Academic Honesty Procedures 2016. Up to date versions of all such documents are available from the Policy Register: http://sydney.edu.au/policies.

Course Resolutions

1 Course Codes

Code	Course and stream title
TCCLDOMP-01	Doctor of Clinical Dentistry (Oral Medicine)
TCCLDORD-01	Doctor of Clinical Dentistry (Orthodontics)
TCCLDPAD-01	Doctor of Clinical Dentistry (Paediatric Dentistry)
TCCLDPER-01	Doctor of Clinical Dentistry (Periodontics)
TCCLDPRO-01	Doctor of Clinical Dentistry (Prosthodontics)
TCCLDSCD-01	Doctor of Clinical Dentistry (Special Needs Dentistry)
RPPHCDNT-01	Doctor of Clinical Dentistry (Oral Surgery)
GNCLDCHH-01	Graduate Diploma in Clinical Dentistry (Child Health)
GNCLDCSP-01	Graduate Diploma in Clinical Dentistry (Conscious Sedation and Pain Control)
GNCLDHOD-01	Graduate Diploma in Clinical Dentistry (Hospital Dentistry)
GNCLDOBI-01	Graduate Diploma in Clinical Dentistry (Oral Biology)
GNCLDOIM-01	Graduate Diploma in Clinical Dentistry (Oral Implants)
GNCLDARE-01	Graduate Diploma in Clinical Dentistry (Advanced Restorative)
GNCLDTOM-01	Graduate Diploma in Clinical Dentistry (Tooth Mechanics)
GNCLDSUD-01	Graduate Diploma in Clinical Dentistry (Surgical Dentistry)
GCCLDCHH-01	Graduate Certificate in Clinical Dentistry (Child Health)
GCCLDHOD-01	Graduate Certificate in Clinical Dentistry (Hospital Dentistry)
GCCLDOBI-01	Graduate Certificate in Clinical Dentistry (Oral Biology)
GCCLDARE-01	Graduate Certificate in Clinical Dentistry (Advanced Restorative)
GCCLDTOM-01	Graduate Certificate in Clinical Dentistry (Tooth Mechanics)
GCCLDSUD-01	Graduate Certificate in Clinical Dentistry (Surgical Dentistry)

2 Attendance pattern

(1) The attendance pattern for these courses is normally full time unless determined otherwise by the Faculty.

3 Streams and embedded courses in this sequence

(1) The Clinical Dentistry program is a postgraduate coursework award course available in an embedded sequence, at the level of doctor, graduate diploma or graduate certificate, and must be completed in a designated stream. Candidates who wish to transfer between streams should contact the Student Administration Office.

(2) A candidate for the Doctor of Clinical Dentistry may elect to discontinue study and graduate with a shorter award from the embedded sequence, provided the requirements of the shorter award have been met. Only the highest award completed will be conferred.

(3) The following table shows the course levels and the streams awarded at each level of the embedded sequence.

Certificate	Diploma	Doctor
Child Health	Child Health	Paediatric Dentistry
Hospital Dentistry	Hospital Dentistry	Oral Medicine
Hospital Dentistry	Hospital Dentistry	Special Needs Dentistry
Oral Biology	Oral Biology	Periodontics
Advanced Restorative	Advanced Restorative	Prosthodontics
Tooth Mechanics	Tooth Mechanics	Orthodontics
Surgical Dentistry	Surgical Dentistry	Oral Surgery

4 Admission to candidature

(1) Available places will be offered to qualified applicants based on merit, according to the following admissions criteria.
(2) Direct admission to the Graduate Certificate (Advanced Restorative) requires:
(a) a Doctor of Dental Medicine, Bachelor of Dentistry or Bachelor of Dental Surgery from the University of Sydney or equivalent institution; or
an equivalent qualification that is registerable with the Dental Board of Australia and with a curriculum acceptable to the faculty;
(b) a pass in any written or practical entry examination and/or performance in an interview to a standard considered satisfactory by the faculty;
and
(c) local applicants to be registered with the Dental Board of Australia for practice;
international applicants to have limited registration for postgraduate training or supervised practice with the Dental Board of Australia.
(3) Direct admission to the Graduate Diploma (Advanced Restorative, Surgical Dentistry, Conscious Sedation and Pain Control, and Oral Implants) and Doctor of Clinical Dentistry requires:
a Doctor of Dental Medicine, Bachelor of Dentistry or Bachelor of Dental Surgery from the University of Sydney or equivalent institution; or
an equivalent qualification that is registerable with the Dental Board of Australia and with a curriculum acceptable to the faculty;
(b) at least two years' general dental practice experience, unless exempted by the faculty;
(c) a pass in any written or practical entry examination and/or performance in an interview to a standard considered satisfactory by the faculty;
and
(d) local applicants to be registered with the Dental Board of Australia for practice;
or
international applicants to have limited registration for postgraduate training or supervised practice with the Dental Board of Australia.
(4) Applicants for the Graduate Diploma of Clinical Dentistry (Conscious Sedation and Pain Control) stream are required to submit three referees' reports and a letter of intent outlining reasons for applying for this diploma course.
(5) Applicants for the Graduate Diploma of Clinical Dentistry (Oral Implants) stream are required to have experience in dento-alveolar surgery.
(6) Admission to the Graduate Certificate (Child Health, Hospital Dentistry, Oral Biology, Tooth Mechanics and Surgical Dentistry) and the Graduate Diploma (Child Health, Hospital Dentistry, Oral Biology, Tooth Mechanics) is only permitted by transferring from the Doctor of Clinical Dentistry.

5 Deferral

(1) Applications for deferral of enrolment following an offer of a place in the Doctor of Clinical Dentistry will only be considered under exceptional circumstances, and require the approval of the Postgraduate Course Co-ordinator.

6 Requirements for award

(1) The units of study that may be taken for the courses are set out in the table of units for Graduate Coursework Degrees.
(2) To qualify for the award of the Graduate Certificate in Clinical Dentistry a candidate must complete the prescribed 24 credit points of units of study listed for the relevant stream.
(3) To qualify for the award of the Graduate Diploma in Clinical Dentistry a candidate must complete the prescribed 48 credit points of units of study listed for the relevant stream.
(4) To qualify for the award of the Doctor of Clinical Dentistry a candidate must complete the prescribed 144 credit points of units of study listed for the relevant stream and the Research requirements must be completed within one year of completion of the final semester of coursework. The Research requirements are:
(a) the research topic and supervisor will be approved by the faculty research committee;
(b) candidates will present at research seminars as required;
(c) candidates must obtain a pass mark in the Research Methods unit of study;
(d) candidates must submit an electronic copy of the thesis to the Research Committee comprising a literature review and a paper. The thesis must embody the results of the research, and:
(i) must be an original contribution to the subject concerned;
(ii) must afford evidence of originality by the exercising of independent critical ability;
(iii) the paper component should be presented in the format of a scientific research manuscript;
(e) the candidate must give a satisfactory literary presentation.
(f) the candidate must provide evidence to identify satisfactorily the sections of work for which the candidate is responsible, such as a signed, written statement from all authors attesting to the contribution of the candidate;
(g) the candidate must submit a final copy of the literature review and body of work to the Research Committee;
(h) the candidate may not present, as the paper, a work which has been presented for a degree in this or another university, but will not be precluded from incorporating such work in the paper provided that in presenting the paper the candidate indicates the part of the work which has been so incorporated.
(5) Examination of a thesis for the degree of Doctor of Clinical Dentistry will follow the examination process as stipulated in the University's Thesis and Examination of Higher Degrees by Research Policy.

7 Progression Requirements

All Years
(1) These progression requirements should be read in conjunction with the relevant Unit of Study Outlines, Faculty Local Provisions and Faculty Resolutions.
(2) Satisfactory performance in a unit of study requires a mark of 50%, unless otherwise stated in the relevant unit of study outline.
(3) Any student who fails a reassessment will be considered to have failed the relevant year or semester and will be required to repeat it.
(4) Any student who fails to meet the requirements of:
(a) continuous sessional clinical or pre-clinical assessment; or
(b) clinical and academic professionalism assessment; or
(c) attendance; or
(d) adequate depth and breadth of clinical experience
will be considered to have failed the year and will be required to repeat. No remediation or reassessment will be offered.
(5) In any semester, a student who fails to meet the assessment criteria or obtain an overall pass mark of 50%, in two or more units of study will be required to repeat the semester or year, or may be offered the option of an award from the embedded sequence.

(6) Any student who successfully completes a reassessment, and has not yet reached the maximum period for meeting course requirements will be permitted to progress.
(7) Students who have reached the maximum period for meeting course requirements, as prescribed in the University of Sydney (Coursework) Rule 2014, will not be permitted to re-enrol in the course.
(8) When repeating a year or semester, no exemptions from normal course requirements will be permitted.

8 Cross institutional study

Cross institutional study is not available in this course.

9 International exchange

International exchange is not allowed in this course.

10 Recognition of prior learning

Candidates may be granted a reduction in volume of learning for previous studies, except that study must have been completed no more than five years before admission to candidature for this course.
(2) Candidates admitted to the Doctor of Clinical Dentistry may be eligible for a reduction in the volume of learning of up to 48 credit points for an AQF level 8 or higher qualification or overseas equivalent in a cognate discipline, as defined by the Faculty of Dentistry.
(3) In determining whether or not to grant a reduction in the volume of learning and/or credit the Faculty will consider the following factors:
(a) the clinical experience of the candidate, which must be at least five years to be eligible for a reduction in the volume of learning;
(b) the equivalence of units taken in prior study with units in this course; and
(c) the completion of a research project as part of prior study which may include the publication of a paper arising from such a project.
(4) The maximum reduction in the volume of learning for prior study granted to a candidate will not exceed 50% of the requirements of the course.

(Clinical Dentistry) Conscious Sedation and Pain Control

Graduate Diploma in Clinical Dentistry (Conscious Sedation and Pain Control)

	Graduate Diploma in Clinical Dentistry (Conscious Sedation and Pain Control)*
Course code	EF001 or GNCLDCSP3000
CRICOS code	N/A
Degree Abbreviation	GradDipClinDent(Conscious Sedation and Pain Control)
Credit points required to complete	48
Time to complete part-time	2 years

**This course is only offered on a part-time basis*

Overview

The course provides the opportunity to develop skills and acquire knowledge in the growing field of conscious sedation and pain control. The course develops skills for general practitioners in safe sedation techniques. Major areas of study include: the practice of sedation, differential diagnosis of collapse and advanced life support. The program is aimed at dental graduates wishing to be endorsed in administering conscious sedation.

Course outcomes

The program develops skills in:

- safe sedation techniques
- advanced life support
- differential diagnosis of medically compromised patients.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is part-time. In order to fulfil the requirements for endorsement in sedation with the Australian Health Practitioner Regulation Agency (AHPRA) and the Dental Board of Australia (DBA), units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 **UoS code and name**	**Credit points**
DENT5300 Basic Life Support and Resuscitation A	6

Semester 1 **UoS code and name**	**Credit points**
DENT5301 Theory and Practice of Dental Sedation A	6

Semester 2 **UoS code and name**	**Credit points**
DENT5302 Basic Life Support and Resuscitation B	6
DENT5303 Theory and Practice of Dental Sedation B	6

Academic Year 2

Semester 1 **UoS code and name**	**Credit points**
DENT5304 Basic Life Support and Resuscitation C	6
DENT5305 Theory and Practice of Dental Sedation C	6

Semester 2 **UoS code and name**	**Credit points**
DENT5306 Basic Life Support and Resuscitation D	6
DENT5307 Theory and Practice of Dental Sedation D	6

Table of units of study: Conscious Sedation and Pain Control

Unit of study	***Credit points***	***A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition***	***Session***
Year 1			
DENT5300 **Basic Life Support and Resuscitation A**	6	**C** DENT5301	Semester 1
DENT5301 **Theory and Practice of Dental Sedation A**	6	**C** DENT5300 *Note: Department permission required for enrolment*	Semester 1 Semester 2
DENT5302 **Basic Life Support and Resuscitation B**	6	**P** (DENT5300 and DENT5301) **C** DENT5303	Semester 2

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
DENT5303 Theory and Practice of Dental Sedation B	6	**P** DENT5300 and DENT5301 **C** DENT5302	Semester 2
Year 2			
DENT5304 Basic Life Support and Resuscitation C	6	**P** DENT5302 and DENT5303 **C** DENT5305	Semester 1
DENT5305 Theory and Practice of Dental Sedation C	6	**P** DENT5302 and DENT5303 **C** DENT5304	Semester 1
DENT5306 Basic Life Support and Resuscitation D	6	**P** DENT5304 and DENT5305 **C** DENT5307	Semester 2
DENT5307 Theory and Practice of Dental Sedation D	6	**P** DENT5304 and DENT5305 **C** DENT5306	Semester 2

Unit of study descriptions

Year 1

DENT5300
Basic Life Support and Resuscitation A

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions. **Corequisites:** DENT5301 **Assessment:** Clinical and theoretical work **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with advanced level life support and resuscitation procedures and methods.

Textbooks
A recommended text book/reading list will be provided in class.

DENT5301
Theory and Practice of Dental Sedation A

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 1, Semester 2 **Classes:** Small group seminars and clinical sessions **Corequisites:** DENT5300 **Assessment:** Clinical and theoretical work comprising written assignments **Mode of delivery:** Clinical experience

Note: Department permission required for enrolment.

This unit provides students studying at the postgraduate level with an advanced level of experience in practical dental sedation methods and procedures, also with an overview of theoretical dental sedation methods and procedures.

Textbooks
A recommended text book/reading list will be provided in class

DENT5302
Basic Life Support and Resuscitation B

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** (DENT5300 and DENT5301) **Corequisites:** DENT5303 **Assessment:** Clinical and theoretical work (100%) **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with advanced level life support and resuscitation procedures and methods.

Textbooks
A recommended text book/reading list will be provided in class.

DENT5303
Theory and Practice of Dental Sedation B

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** DENT5300 and DENT5301 **Corequisites:** DENT5302 **Assessment:** Clinical and theoretical work comprising written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with an advanced level of experience in practical dental sedation methods and procedures, also with an overview of theoretical dental sedation methods and procedures.

Textbooks
A recommended text book/reading list will be provided in class.

Year 2

DENT5304
Basic Life Support and Resuscitation C

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions **Prerequisites:** DENT5302 and DENT5303 **Corequisites:** DENT5305 **Assessment:** Clinical and theoretical work (100%) **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with advanced level life support and resuscitation procedures and methods.

Textbooks
A recommended text book/reading list will be provided in class.

DENT5305
Theory and Practice of Dental Sedation C

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions **Prerequisites:** DENT5302 and DENT5303 **Corequisites:** DENT5304 **Assessment:** Clinical and theoretical work comprising written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with an advanced level of experience in practical dental sedation methods and procedures, also with an overview of theoretical dental sedation methods and procedures.

Textbooks
A recommended text book/reading list will be provided in class.

DENT5306
Basic Life Support and Resuscitation D

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** DENT5304 and DENT5305 **Corequisites:** DENT5307 **Assessment:** Clinical and theoretical work plus written assignment (100%) **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with advanced level life support and resuscitation procedures and methods.

Textbooks
A recommended text book/reading list will be provided in class.

DENT5307
Theory and Practice of Dental Sedation D

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** DENT5304 and DENT5305 **Corequisites:** DENT5306 **Assessment:** Clinical and theoretical work plus written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with an advanced level of experience in practical dental sedation methods

and procedures, also with an overview of theoretical dental sedation methods and procedures.

Textbooks

A recommended text book/reading list will be provided in class.

(Clinical Dentistry) Oral Implants

Graduate Diploma in Clinical Dentistry (Oral Implants)

	Graduate Diploma in Clinical Dentistry (Oral Implants)*^
Course code	EF002 or GNCLDOIM1000
CRICOS code	N/A
Degree Abbreviation	GradDipClinDent(Oral Implants)
Credit points required to complete	48
Time to complete part-time	1.5 years

** This course is only offered on a part-time basis*
[[i||^ Bi-annual intake

Overview

The course aims to provide dental graduates with the skills and knowledge to manage treatment involving oral rehabilitation, including oral implant treatment, in general dental practice. The program focuses on the clinical practice of oral implant restoration. The program is aimed at dental graduates wishing to develop skills in oral rehabilitation including implant treatment for general dental practice.

Course outcomes

Graduates of the program have the skills and knowledge to provide oral rehabilitation, including implant treatment, in general dental practice.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is part-time. In order to successfully be accredited to carry out the placement of oral implants in general practice, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Graduate Diploma

Academic Year 1

Semester 1 UoS code and name	Credit points
DENT5020 Implant Patient Selection	6
DENT5021 Implant Treatment Planning 1	6
DENT5022 Implant Treatment Planning 2	6

Semester 2 UoS code and name	Credit points
DENT5023 Implant Clinical Procedures 1	6
DENT5024 Implant Clinical Procedures 2	6

Academic Year 2

Semester 1 UoS code and name	Credit points
DENT5025 Implant Surgery - Prosthodontics 1	6
DENT5026 Implant Surgery - Prosthodontics 2	6
DENT5027 Implant Advanced Procedures	6

Table of units of study: Oral Implants

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
DENT5020 **Implant Patient Selection**	6	**C** DENT5021 and DENT5022	Semester 1
DENT5021 **Implant Treatment Planning 1**	6	**C** DENT5020, DENT5022	Semester 1
DENT5022 **Implant Treatment Planning 2**	6	**C** DENT5020 and DENT5021	Semester 1
DENT5023 **Implant Clinical Procedures 1**	6	**P** (DENT5020 and DENT5021 and DENT5022) or DENT5357 **C** DENT5024	Semester 2

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
DENT5024 **Implant Clinical Procedures 2**	6	**P** (DENT5020 and DENT5021 and DENT5022) or DENT5357 **C** DENT5023	Semester 2
Year 2			
DENT5025 **Implant Surgery - Prosthodontics 1**	6	**P** (DENT5023 and DENT5024) or DENT5358 **C** DENT5026 and DENT5027	Semester 1
DENT5026 **Implant Surgery - Prosthodontics 2**	6	**P** (DENT5023 and DENT5024) or DENT5358 **C** DENT5025 and DENT5027	Semester 1
DENT5027 **Implant Advanced Procedures**	6	**P** (DENT5023 and DENT5024) or DENT5358 **C** DENT5025 and DENT5026	Semester 1

Unit of study descriptions

Year 1

DENT5020
Implant Patient Selection

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 1 **Classes:** 1x7day block (8am - 5pm) **Corequisites:** DENT5021 and DENT5022 **Assessment:** Clinical mentor feedback (90%); log book details (10%) **Practical field work:** 6 x 6 hr mentored clinical sessions in private practice, self directed learning. **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on patient selection for oral implant care.

Textbooks
Recommended resources including texts and publications will be provided in class.

DENT5021
Implant Treatment Planning 1

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 1 **Classes:** 1x 5 day block (8am - 5pm) **Corequisites:** DENT5020, DENT5022 **Assessment:** Clinical case presentations (summative) (90%); log book details (10%) **Practical field work:** 6 x 6 hr mentored clinical sessions in private practice + self-directed study **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on treatment planning for oral implant care.

Textbooks
Recommended resources including texts and publications will be provided in class.

DENT5022
Implant Treatment Planning 2

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 1 **Corequisites:** DENT5020 and DENT5021 **Assessment:** 1x 3000 word assignment (80%); assignment presentation (20%) **Practical field work:** Clinical asessment; self directed study; assignment preperation. **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on treatment planning for oral implant care.

Textbooks
Recommended resources including texts and publications will be provided in class.

DENT5023
Implant Clinical Procedures 1

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 2 **Classes:** 1x 5day block (8am - 5pm) **Prerequisites:** (DENT5020 and DENT5021 and DENT5022) or DENT5357 **Corequisites:** DENT5024 **Assessment:** Clinical presentations (summative) (80%), Mentor feedback reports (20%) **Practical field work:** 6 x 6hr mentored clinical sessions in private practice + 6 x 6 hr patient preparation and treatment; self directed study. **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on clinical procedures for oral implant care.

Textbooks
Recommended resources including texts and publications will be provided in class.

DENT5024
Implant Clinical Procedures 2

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 2 **Classes:** 1 x 5 day block (8am - 5pm) **Prerequisites:** (DENT5020 and DENT5021 and DENT5022) or DENT5357 **Corequisites:** DENT5023 **Assessment:** Barrier assessment/ viva voce (90%), log book details (10%) **Practical field work:** Self - directed study, exam preparation. **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on clinical procedures for oral implant care.

Textbooks
Recommended resources including texts and publications will be provided in class.

Year 2

DENT5025
Implant Surgery - Prosthodontics 1

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 1 **Prerequisites:** (DENT5023 and DENT5024) or DENT5358 **Corequisites:** DENT5026 and DENT5027 **Assessment:** 1x 3000word assignment (80%), assignment presentation (20%) **Practical field work:** assignment preparation; self directed learning; clinical and evidence based learning. **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on prosthodontic procedures for oral implant care.

Textbooks
Recommended resources including texts and publications will be provided in class.

DENT5026
Implant Surgery - Prosthodontics 2

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 1 **Classes:** 1 x 5 day block (8am - 5pm) **Prerequisites:** (DENT5023 and DENT5024) or DENT5358 **Corequisites:** DENT5025 and DENT5027 **Assessment:** Clinical case presentations (summative) (80%); clinical mentor feedback (20%) **Practical field work:** 6 x 4 hr mentored clinical sessions in private practice; 6 x 6hr patient treatment; case portfolio preparation. **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on surgical and prosthodontic procedures for oral implant care.

Textbooks
Recommended resources including texts and publications will be provided in class.

DENT5027
Implant Advanced Procedures

Credit points: 6 **Teacher/Coordinator:** Clin A/Prof Kent Yuen **Session:** Semester 1 **Classes:** 1 x 3.5 day block (8am - 5pm) **Prerequisites:** (DENT5023 and DENT5024) or DENT5358 **Corequisites:** DENT5025 and DENT5026

Assessment: 1 x 3hr written examination (50%), viva voce (30mins) (50%). **Practical field work:** Clinical based learning; self directed learning. **Mode of delivery:** Clinical experience

This unit provides students studying at the postgraduate level with clinical and evidence-based information on advanced clinical procedures for oral implant care.

Textbooks

Recommended resources including texts and publications will be provided in class.

(Clinical Dentistry) Oral Medicine

Doctor of Clinical Dentistry (Oral Medicine)

Graduate Diploma in Clinical Dentistry (Hospital Dentistry)

Graduate Certificate in Clinical Dentistry (Hospital Dentistry)

	Graduate Certificate in Clinical Dentistry (Hospital Dentistry)	Graduate Diploma in Clinical Dentistry (Hospital Dentistry)	Doctor of Clinical Dentistry (Oral Medicine)
Course code	EG003 or GCCLDHOD1000	EF008 or GNCLDHOD1000	EB001 or TCCLDOMP1000
CRICOS code	064373G	064296E	064271C
Degree Abbreviation	GradCertClinDent(Hospital Dentistry)	GradDipClinDent(Hospital Dentistry)	DClinDent(Oral Medicine)
Credit points required to complete	24	48	144
Time to complete full-time			3 years

Overview

The program aims to develop the skills necessary for the non-surgical management of the full range of oral diseases as well as for the care of medically compromised patients in hospital and non-hospital settings. Diagnostic oral and general pathology are integral parts of the program.

The program is aimed at dental graduates preparing for a career in clinical oral medicine. Graduates will be prepared for specialist work within a large general hospital or in a private practice. The training in research will also provide a basis for an academic career, which would involve further research training through a Doctor of Philosophy. Additional training in diagnostic oral pathology would permit work within a diagnostic histo-pathology.

Course outcomes

The program develops skills in:

- the diagnosis and non-surgical treatment of diseases of the oral mucosa and salivary glands
- the diagnosis and non-surgical treatment of facial pain
- the diagnosis and non-surgical treatment of the oral manifestations of systematic diseases such as HIV
- providing oral health care needs of medically compromised patients, including transplant recipients.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is full-time. In order to fulfil the requirements for registration as a specialist in this field, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 UoS code and name	Credit points
DENT5200 Applied Oral Biology	6
DENT5118 Oral Medicine Level 1A	6
DENT5119 Oral Pathology Level 1A	3
DENT5120 Internal and General Medicine 1A	3
DENT6000 Research Methods in Dentistry	6

Semester 2 UoS code and name	Credit points
DENT5218 Oral Medicine Level 1B	12
DENT5219 Oral Pathology Level 1B	3
DENT5220 Internal and General Medicine Level 1B	3

Semester 2 UoS code and name	Credit points
DENT6010 Dental Research Studies 1	6

Academic Year 2

Semester 1 UoS code and name	Credit points
DENT5121 Oral Medicine Level 2A	12
DENT5122 Oral Pathology Level 2A	3
DENT5123 Internal and General Medicine Level 2A	3
DENT6011 Dental Research Studies 2	6

Semester 2 UoS code and name	Credit points
DENT5221 Oral Medicine Level 2B	12
DENT5222 Oral Pathology Level 2B	3
DENT5223 Internal and General Medicine Level 2B	3
DENT6012 Dental Research Studies 3	6

Academic Year 3

Semester 1 UoS code and name	Credit points
DENT5124 Oral Medicine Level 3A	12
DENT5125 Oral Pathology Level 3A	3
DENT5126 Internal and General Medicine Level 3A	3
DENT6013 Dental Research Studies 4	6

Semester 2 UoS code and name	Credit points
DENT5224 Oral Medicine Level 3B	12
DENT5225 Oral Pathology Level 3B	3
DENT5226 Internal and General Medicine Level 3B	3
DENT6014 Dental Research Studies 5	6

Table of units of study: Oral Medicine

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
DENT5200 **Applied Oral Biology**	6	**C** DENT6000 and DENT5201 and DENT5202	Semester 1
DENT5118 **Oral Medicine Level 1A**	6	**C** DENT5200; DENT5119; DENT5120; DENT6000	Semester 1
DENT5119 **Oral Pathology Level 1A**	3	**C** DENT5118, DENT5120, DENT5200, DENT6000	Semester 1
DENT5120 **Internal and General Medicine Level 1A**	3	**C** DENT5200; DENT5119; DENT5118; DENT6000	Semester 1
DENT6000 **Research Methods in Dentistry**	6		Semester 1
DENT5218 **Oral Medicine Level 1B**	6	**P** DENT5200; DENT5119; DENT5118; DENT5120; DENT6000 **C** DENT5219, DENT5220, DENT6010	Semester 2

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
DENT5219 **Oral Pathology Level 1B**	3	**P** DENT5200; DENT5119; DENT5118; DENT5120; DENT6000 **C** DENT5218, DENT5220, DENT6010	Semester 2
DENT5220 **Internal and General Medicine Level 1B**	3	**P** DENT5200; DENT5119; DENT5118; DENT5120; DENT6000 **C** DENT5218, DENT5219, DENT6010	Semester 2
DENT6010 **Dental Research Studies 1**	6	**P** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382	Semester 2
Graduate Certificate students are required to successfully complete the first 5 units of study. Graduate Diploma students are required to successfully complete the first 9 units of study.			
Year 2			
DENT5121 **Oral Medicine Level 2A**	12	**P** DENT5218; DENT5219; DENT5220; DENT6010 **C** DENT5122; DENT5123; DENT6011	Semester 1
DENT5122 **Oral Pathology Level 2A**	3	**P** DENT5218; DENT5219; DENT5220; DENT6010 **C** DENT5121; DENT5123; DENT6011	Semester 1
DENT5123 **Internal and General Medicine Level 2A**	3	**P** DENT5218; DENT5219; DENT5220; DENT6010 **C** DENT5121; DENT5122; DENT6011	Semester 1
DENT6011 **Dental Research Studies 2**	6	**P** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386	Semester 1
DENT5221 **Oral Medicine Level 2B**	12	**P** DENT5121; DENT5122; DENT5123; DENT6011 **C** DENT5222; DENT5223; DENT6012	Semester 2
DENT5222 **Oral Pathology Level 2B**	3	**P** DENT5121; DENT5122; DENT5123; DENT6011 **C** DENT5221; DENT5223; DENT6012	Semester 2
DENT5223 **Internal and General Medicine Level 2B**	3	**P** DENT5121; DENT5122; DENT5123; DENT6011 **C** DENT5221; DENT5222; DENT6012	Semester 2
DENT6012 **Dental Research Studies 3**	6	**P** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393	Semester 2
Year 3			
DENT5124 **Oral Medicine Level 3A**	12	**P** DENT5221; DENT5222; DENT5223; DENT6012 **C** DENT5125; DENT5126; DENT6013	Semester 1
DENT5125 **Oral Pathology Level 3A**	3	**P** DENT5221; DENT5222; DENT5223; DENT6012 **C** DENT5124; DENT5126; DENT6013	Semester 1
DENT5126 **Internal and General Medicine Level 3A**	3	**P** DENT5221; DENT5222; DENT5223; DENT6012 **C** DENT5124; DENT5125; DENT6013	Semester 1
DENT6013 **Dental Research Studies 4**	6	**P** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397	Semester 1
DENT5224 **Oral Medicine Level 3B**	12	**P** DENT5124; DENT5125; DENT5126; DENT6013 **C** DENT5225; DENT5226; DENT6014	Semester 2
DENT5225 **Oral Pathology Level 3B**	3	**P** DENT5124; DENT5125; DENT5126; DENT6013 **C** DENT5224; DENT5226; DENT6014	Semester 2
DENT5226 **Internal and General Medicine Level 3B**	3	**P** DENT5124; DENT5125; DENT5126; DENT6013 **C** DENT5224; DENT5225; DENT6014	Semester 2
DENT6014 **Dental Research Studies 5**	6	**P** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411	Semester 2

Unit of study descriptions

Year 1

DENT5200
Applied Oral Biology

Credit points: 6 **Teacher/Coordinator:** Associate Professor Hans Zoellner, Associate Professor Hedley Coleman **Session:** Semester 1 **Classes:** independent study x 4 hrs, seminar presentation x 3 hrs, journal club presentation x 2 hrs (per week) **Corequisites:** DENT6000 and DENT5201 and DENT5202 **Assessment:** ongoing assessment of participation and contribution in journal club and seminar presentations (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Basic oral/dental histology and biology will be covered. Topics include embryology including tooth development, histology of oral mucosa, salivary glands and bone.

Textbooks
Oral Histology, Ten Cate

DENT5118
Oral Medicine Level 1A

Credit points: 6 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 1 **Classes:** lectures, tutorials, clinical practice **Corequisites:** DENT5200; DENT5119; DENT5120; DENT6000 **Assessment:** continuous sessional assessment 30% and formative viva **Mode of delivery:** Normal (lecture/lab/tutorial) day

This discipline aims to equip students with the theoretical background and practical experience necessary for the practice of clinical Oral Medicine; being the non-surgical management of diseases affecting the oro-facial tissues and adjacent areas. Skills and knowledge in a range of relevant areas are developed including: history taking; examination; application and interpretation of special investigations including radiology, serology and biopsies; differential diagnosis; treatment planning; clinical records; quality of care evaluation; development of effective communication skills in interdisciplinary clinical practice; and the principles and practice of relevant pharmacology. In addition; Oral Medicine as taught and practiced at the University of Sydney and Westmead Centre for Oral Health includes diagnosis and treatment planning for dental management of medically complex patients.

Textbooks

Burket's Oral Medicine; M Glick, 12th Edition, 2014; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Scully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012,; Management Of Temoporomandibular Disorders And Occlusion. Okeson JP, 7th Edition, 2012; Bells Orofacial Pain; Okeson JP, 7th Edition, 2014; Orofacial Pain; Zakrewska JM, 9th Edition, 2009

DENT5119
Oral Pathology Level 1A

Credit points: 3 **Teacher/Coordinator:** Prof Hans Zoellner **Session:** Semester 1 **Classes:** tutorials, lectures, clinical practice **Corequisites:** DENT5118, DENT5120, DENT5200, DENT6000 **Assessment:** continual sessional assessment 10% and formative viva **Mode of delivery:** Normal (lecture/lab/tutorial) day

Further understanding of Oral Pathology is built on the foundations previously established in anatomical pathology as it relates to Oral Medicine. In particular, further experience and understanding is developed in the histopathology, cytopathology and immunopathology of oral conditions encountered in Oral Medicine practice. In most weeks, there is histopathology departmental review of current clinical cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, and or Head and Neck oncology clinics.

Textbooks
Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Oral and Maxillofacial Pathology, 2015, BW Neville, DD Damm. CA Allen. JE Bouquot. 4th Edition; Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright, 5th Edition, 1998

DENT5120
Internal and General Medicine Level 1A

Credit points: 3 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 1 **Classes:** utorials, lectures, clinical practice **Corequisites:** DENT5200; DENT5119; DENT5118; DENT6000 **Assessment:** continuous sessional assessment 30% and formative viva **Mode of delivery:** Normal (lecture/lab/tutorial) day

An understanding of Internal and General Medicine as it relates to the practice of clinical Oral Medicine is acquired by rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Dermatology, Immunology and Radiology/Nuclear Medicine. An emphasis is placed on understanding and application of principles of pharmacology. Candidates also attend the Medical Grand Rounds at Westmead Hospital

Textbooks
Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012; Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6000
Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Online sessions: 1 x 3hr module and assignment/week x 10weeks **Assessment:** Final Assignment (50%) and weekly assignment (50%) **Practical field work:** Clinically based **Mode of delivery:** Normal (lecture/lab/tutorial) day

Research Methods in Dentistry is a postgraduate course designed to provide fundamental knowledge and skills in clinical research design and Evidence-Based Dentistry for students intending to undertake research at the Faculty of Dentistry.

All course material is provided through eLearning via the University of Sydney's website. A detailed series of notes and tutorial exercises are included in the study material. Students are required to complete one tutorial exercise/assignment each week and a final assignment at the end of the course.

Topics covered include introduction to Evidence-Based Dentistry, epidemiologic study design, basic biostatistics, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles which is an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. An introduction into conducting literature search, diagnostic test studies and systematic reviews is also provided.

Textbooks
Class notes and full-text journal articles are provided via the course website.

DENT5218
Oral Medicine Level 1B

Credit points: 6 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 2 **Classes:** lectures, tutorials, clinical practice **Prerequisites:** DENT5200; DENT5119; DENT5118; DENT5120; DENT6000 **Corequisites:** DENT5219, DENT5220, DENT6010 **Assessment:** continuous sessional assessment 30%; essay 10%; Viva voce 20%; written paper 40% **Mode of delivery:** Normal (lecture/lab/tutorial) day

This discipline aims to equip students with the theoretical background and practical experience necessary for the practice of clinical Oral Medicine; being the non-surgical management of diseases affecting the oro-facial tissues and adjacent areas. Skills and knowledge in a range of relevant areas are developed including: history taking; examination; application and interpretation of special investigations including radiology, serology and biopsies; differential diagnosis; treatment planning; clinical records; quality of care evaluation; development of effective communication skills in interdisciplinary clinical practice; and the principles and practice of relevant pharmacology. In addition; Oral Medicine as taught and practiced at the University of Sydney and Westmead Centre for Oral Health includes diagnosis and treatment planning for dental management of medically complex patients.

Textbooks
Burket's Oral Medicine; M Glick, 12th Edition, 2014; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Scully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012,; Management Of Temoporomandibular Disorders And Occlusion. Okeson JP, 7th Edition, 2012; Bells Orofacial Pain; Okeson JP, 7th Edition, 2014; Orofacial Pain; Zakrewska JM, 9th Edition, 2009

DENT5219
Oral Pathology Level 1B

Credit points: 3 **Teacher/Coordinator:** Prof Hans Zoellner **Session:** Semester 2 **Classes:** tutorials, lectures, clinical practice **Prerequisites:** DENT5200; DENT5119; DENT5118; DENT5120; DENT6000 **Corequisites:** DENT5218, DENT5220, DENT6010 **Assessment:** continual sessional assessment 10%; Viva Voce 45%; Written exam 45% **Mode of delivery:** Normal (lecture/lab/tutorial) day

Further understanding of Oral Pathology is built on the foundations previously established in anatomical pathology as it relates to Oral Medicine. In particular, further experience and understanding is developed in the histopathology, cytopathology and immunopathology of oral conditions encountered in Oral Medicine practice. In most weeks, there is histopathology departmental review of current clinical cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, and or Head and Neck oncology clinics.

Textbooks
Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Oral and Maxillofacial Pathology, 2015, BW Neville, DD Damm. CA Allen. JE Bouquot. 4th Edition; Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright, 5th Edition, 1998

DENT5220
Internal and General Medicine Level 1B

Credit points: 3 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 2 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5200; DENT5119; DENT5118; DENT5120; DENT6000 **Corequisites:** DENT5218, DENT5219, DENT6010 **Assessment:** Continuous sessional 30%; Viva Voce 20%; Written paper 50% **Mode of delivery:** Normal (lecture/lab/tutorial) day

An understanding of Internal and General Medicine as it relates to the practice of clinical Oral Medicine is acquired by rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Dermatology, Immunology and

Radiology/Nuclear Medicine. An emphasis is placed on understanding and application of principles of pharmacology. Candidates also attend the Medical Grand Rounds at Westmead Hospital

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012; Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6010
Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 2hr research sessions. **Prerequisites:** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides the introduction to a research project, including the development of a research proposal and literature review. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Graduate Certificate students are required to successfully complete the first 5 units of study.Graduate Diploma students are required to successfully complete the first 9 units of study.

Year 2

DENT5121
Oral Medicine Level 2A

Credit points: 12 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 1 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5218; DENT5219; DENT5220; DENT6010 **Corequisites:** DENT5122; DENT5123; DENT6011 **Assessment:** Continuous sessional Assessment 20%; written paper 15%, Viva Voce 15% **Mode of delivery:** Normal (lecture/lab/tutorial) day

This discipline aims to equip students with the theoretical background and practical experience necessary for the practice of clinical Oral Medicine; being the non-surgical management of diseases affecting the oro-facial tissues and adjacent areas. Skills and knowledge in a range of relevant areas are developed including: history taking; examination; application and interpretation of special investigations including radiology, serology and biopsies; differential diagnosis; treatment planning; clinical records; quality of care evaluation; development of effective communication skills in interdisciplinary clinical practice; and the principles and practice of relevant pharmacology. In addition; Oral Medicine as taught and practiced at the University of Sydney and Westmead Centre for Oral Health includes diagnosis and treatment planning for dental management of medically complex patients.

Textbooks

Burket's Oral Medicine; M Glick, 12th Edition, 2014; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Scully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012,; Management Of Temoporomandibular Disorders And Occlusion. Okeson JP, 7th Edition, 2012; Bells Orofacial Pain; Okeson JP, 7th Edition, 2014; Orofacial Pain; Zakrewska JM, 9th Edition, 2009

DENT5122
Oral Pathology Level 2A

Credit points: 3 **Teacher/Coordinator:** Prof Hans Zoellner **Session:** Semester 1 **Classes:** tutorials, lectures, clinical practice **Prerequisites:** DENT5218; DENT5219; DENT5220; DENT6010 **Corequisites:** DENT5121; DENT5123; DENT6011 **Assessment:** Continuous sessional Assessment 20%; written paper 15%, Viva Voce 10% **Mode of delivery:** Normal (lecture/lab/tutorial) day

Further understanding of Oral Pathology is built on the foundations previously established in anatomical pathology as it relates to Oral Medicine. In particular, further experience and understanding is developed in the histopathology, cytopathology and immunopathology of oral conditions encountered in Oral Medicine practice. In most weeks, there is histopathology departmental review of current clinical cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, and or Head and Neck oncology clinics.

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Oral and Maxillofacial Pathology, 2015, BW Neville, DD Damm. CA Allen. JE Bouquot. 4th Edition; Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright, 5th Edition, 1998

DENT5123
Internal and General Medicine Level 2A

Credit points: 3 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 1 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5218; DENT5219; DENT5220; DENT6010 **Corequisites:** DENT5121; DENT5122; DENT6011 **Assessment:** continuous sessional assessment 20%; oral viva 10% and written paper 20% **Mode of delivery:** Normal (lecture/lab/tutorial) day

An understanding of Internal and General Medicine as it relates to the practice of clinical Oral Medicine is acquired by rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Dermatology, Immunology and Radiology/Nuclear Medicine. An emphasis is placed on understanding and application of principles of pharmacology. Candidates also attend the Medical Grand Rounds at Westmead Hospital

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012; Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6011
Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5221
Oral Medicine Level 2B

Credit points: 12 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 2 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5121; DENT5122; DENT5123; DENT6011 **Corequisites:** DENT5222; DENT5223; DENT6012 **Assessment:** Continuous sessional Assessment 20%; written Case report 5%, essay 5%; Viva Voce 20%; written 20% **Mode of delivery:** Normal (lecture/lab/tutorial) day

This discipline aims to equip students with the theoretical background and practical experience necessary for the practice of clinical Oral Medicine; being the non-surgical management of diseases affecting

the oro-facial tissues and adjacent areas. Skills and knowledge in a range of relevant areas are developed including: history taking; examination; application and interpretation of special investigations including radiology, serology and biopsies; differential diagnosis; treatment planning; clinical records; quality of care evaluation; development of effective communication skills in interdisciplinary clinical practice; and the principles and practice of relevant pharmacology. In addition; Oral Medicine as taught and practiced at the University of Sydney and Westmead Centre for Oral Health includes diagnosis and treatment planning for dental management of medically complex patients.

Textbooks

Burket's Oral Medicine; M Glick, 12th Edition, 2014; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Scully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012,; Management Of Temoporomandibular Disorders And Occlusion. Okeson JP, 7th Edition, 2012; Bells Orofacial Pain; Okeson JP, 7th Edition, 2014; Orofacial Pain; Zakrewska JM, 9th Edition, 2009

DENT5222

Oral Pathology Level 2B

Credit points: 3 **Teacher/Coordinator:** Prof Hans Zoellner **Session:** Semester 2 **Classes:** tutorials, lectures, clinical practice **Prerequisites:** DENT5121; DENT5122; DENT5123; DENT6011 **Corequisites:** DENT5221; DENT5223; DENT6012 **Assessment:** Continuous sessional Assessment 20%; written paper 25%, Viva Voce 15%, practical exam 15% **Mode of delivery:** Normal (lecture/lab/tutorial) day

Further understanding of Oral Pathology is built on the foundations previously established in anatomical pathology as it relates to Oral Medicine. In particular, further experience and understanding is developed in the histopathology, cytopathology and immunopathology of oral conditions encountered in Oral Medicine practice. In most weeks, there is histopathology departmental review of current clinical cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, and or Head and Neck oncology clinics.

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Oral and Maxillofacial Pathology, 2015, BW Neville, DD Damm. CA Allen. JE Bouquot. 4th Edition; Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright, 5th Edition, 1998

DENT5223

Internal and General Medicine Level 2B

Credit points: 3 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 2 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5121; DENT5122; DENT5123; DENT6011 **Corequisites:** DENT5221; DENT5222; DENT6012 **Assessment:** Continuous sessional 30%; Viva Voce 20%; Written paper 50% **Mode of delivery:** Normal (lecture/lab/tutorial) day

An understanding of Internal and General Medicine as it relates to the practice of clinical Oral Medicine is acquired by rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Dermatology, Immunology and Radiology/Nuclear Medicine. An emphasis is placed on understanding and application of principles of pharmacology. Candidates also attend the Medical Grand Rounds at Westmead Hospital

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012; Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6012

Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Year 3

DENT5124

Oral Medicine Level 3A

Credit points: 12 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 1 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5221; DENT5222; DENT5223; DENT6012 **Corequisites:** DENT5125; DENT5126; DENT6013 **Assessment:** Continuous sessional Assessment 20%; written paper 15%, Viva Voce 10%, clinical viva 10% **Mode of delivery:** Normal (lecture/lab/tutorial) day

This discipline aims to equip students with the theoretical background and practical experience necessary for the practice of clinical Oral Medicine; being the non-surgical management of diseases affecting the oro-facial tissues and adjacent areas. Skills and knowledge in a range of relevant areas are developed including: history taking; examination; application and interpretation of special investigations including radiology, serology and biopsies; differential diagnosis; treatment planning; clinical records; quality of care evaluation; development of effective communication skills in interdisciplinary clinical practice; and the principles and practice of relevant pharmacology. In addition; Oral Medicine as taught and practiced at the University of Sydney and Westmead Centre for Oral Health includes diagnosis and treatment planning for dental management of medically complex patients.

Textbooks

Burket's Oral Medicine; M Glick, 12th Edition, 2014; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Scully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012,; Management Of Temoporomandibular Disorders And Occlusion. Okeson JP, 7th Edition, 2012; Bells Orofacial Pain; Okeson JP, 7th Edition, 2014; Orofacial Pain; Zakrewska JM, 9th Edition, 2009

DENT5125

Oral Pathology Level 3A

Credit points: 3 **Teacher/Coordinator:** Prof Hans Zoellner **Session:** Semester 1 **Classes:** tutorials, lectures, clinical practice **Prerequisites:** DENT5221; DENT5222; DENT5223; DENT6012 **Corequisites:** DENT5124; DENT5126; DENT6013 **Assessment:** Continuous sessional Assessment 20%; written paper 15%, Viva Voce 10%, Practical exam 10% **Mode of delivery:** Normal (lecture/lab/tutorial) day

Further understanding of Oral Pathology is built on the foundations previously established in anatomical pathology as it relates to Oral Medicine. In particular, further experience and understanding is developed in the histopathology, cytopathology and immunopathology of oral conditions encountered in Oral Medicine practice. In most weeks, there is histopathology departmental review of current clinical cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, and or Head and Neck oncology clinics.

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Oral and Maxillofacial Pathology, 2015, BW Neville, DD Damm. CA Allen. JE Bouquot. 4th Edition; Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright, 5th Edition, 1998

DENT5126

Internal and General Medicine Level 3A

Credit points: 3 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 1 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5221;

DENT5222; DENT5223; DENT6012 **Corequisites:** DENT5124; DENT5125; DENT6013 **Assessment:** continuous sessional assessment 20%; oral viva 10% and written paper 15%, clinical viva 10% **Mode of delivery:** Normal (lecture/lab/tutorial) day

An understanding of Internal and General Medicine as it relates to the practice of clinical Oral Medicine is acquired by rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Dermatology, Immunology and Radiology/Nuclear Medicine. An emphasis is placed on understanding and application of principles of pharmacology. Candidates also attend the Medical Grand Rounds at Westmead Hospital

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012; Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6013
Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data acquisition and analysis. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5224
Oral Medicine Level 3B

Credit points: 12 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 2 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5124; DENT5125; DENT5126; DENT6013 **Corequisites:** DENT5225; DENT5226; DENT6014 **Assessment:** Continuous sessional Assessment 20%; Viva Voce 15%, clinical viva 15%; written paper 15% **Mode of delivery:** Normal (lecture/lab/tutorial) day

This discipline aims to equip students with the theoretical background and practical experience necessary for the practice of clinical Oral Medicine; being the non-surgical management of diseases affecting the oro-facial tissues and adjacent areas. Skills and knowledge in a range of relevant areas are developed including: history taking; examination; application and interpretation of special investigations including radiology, serology and biopsies; differential diagnosis; treatment planning; clinical records; quality of care evaluation; development of effective communication skills in interdisciplinary clinical practice; and the principles and practice of relevant pharmacology. In addition; Oral Medicine as taught and practiced at the University of Sydney and Westmead Centre for Oral Health includes diagnosis and treatment planning for dental management of medically complex patients.

Textbooks

Burket's Oral Medicine; M Glick, 12th Edition, 2014; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Scully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012,; Management Of Temoporomandibular Disorders And Occlusion. Okeson JP, 7th Edition, 2012; Bells Orofacial Pain; Okeson JP, 7th Edition, 2014; Orofacial Pain; Zakrewska JM, 9th Edition, 2009

DENT5225
Oral Pathology Level 3B

Credit points: 3 **Teacher/Coordinator:** Prof Hans Zoellner **Session:** Semester 2 **Classes:** tutorials, lectures, clinical practice **Prerequisites:** DENT5124; DENT5125; DENT5126; DENT6013 **Corequisites:** DENT5224; DENT5226; DENT6014 **Assessment:** Continuous sessional Assessment 20%; written paper 15%, Viva Voce 15%, practical exam 15% **Mode of delivery:** Normal (lecture/lab/tutorial) day

Further understanding of Oral Pathology is built on the foundations previously established in anatomical pathology as it relates to Oral Medicine. In particular, further experience and understanding is developed in the histopathology, cytopathology and immunopathology of oral conditions encountered in Oral Medicine practice. In most weeks, there is histopathology departmental review of current clinical cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, and or Head and Neck oncology clinics.

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Oral and Maxillofacial Pathology, 2015, BW Neville, DD Damm. CA Allen. JE Bouquot. 4th Edition; Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright, 5th Edition, 1998

DENT5226
Internal and General Medicine Level 3B

Credit points: 3 **Teacher/Coordinator:** Dr Suma Sukumar **Session:** Semester 2 **Classes:** utorials, lectures, clinical practice **Prerequisites:** DENT5124; DENT5125; DENT5126; DENT6013 **Corequisites:** DENT5224; DENT5225; DENT6014 **Assessment:** Continuous sessional 20%; Viva Voce 15%; Written paper 15%; clincial viva 15% **Mode of delivery:** Normal (lecture/lab/tutorial) day

An understanding of Internal and General Medicine as it relates to the practice of clinical Oral Medicine is acquired by rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Dermatology, Immunology and Radiology/Nuclear Medicine. An emphasis is placed on understanding and application of principles of pharmacology. Candidates also attend the Medical Grand Rounds at Westmead Hospital

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012; Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6014
Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data analysis, treatise write-up and submission. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Clinical Dentistry (Oral Surgery)

Doctor of Clinical Dentistry (Oral Surgery)

Graduate Diploma in Clinical Dentistry (Surgical Dentistry)

Graduate Certificate in Clinical Dentistry (Surgical Dentistry)

	Graduate Certificate in Clinical Dentistry (Surgical Dentistry)	Graduate Diploma in Clinical Dentistry (Surgical Dentistry)
Course code	GCCLDSUD1000	GNCLDSUD1000
CRICOS code	N/A	N/A
Degree Abbreviation	GradCertClinDent(Oral Surgery)	GradDipClinDent(Oral Surgery)
Credit points required to complete	24	48

Overview

The Oral Surgery/Surgical Dentistry program provides the opportunity for dentists registered in Australia to develop skills and acquire knowledge essential for specialisation in oral surgery through a comprehensive curriculum of theoretical and clinical studies.

The course has a foundation of evidence-based practice. It will enable the provision of the full range of oral surgery services including appropriate oral surgical management of medically compromised patients, and will include oral medicine and oral pathology components as well as implants.

You will also complete a research project in the field of oral surgery under the supervision of an academic staff member.

Course outcomes

Graduate will be able to:

- use appropriate surgical skills for manipulation of tissue (hard and soft) during surgery
- apply the basic knowledge and principles of biological science and clinical methods to problems of professional practice (research and/or clinical)
- demonstrate specific skills in the use of relevant procedures, technologies and techniques in relation to research investigation, clinical assessment, diagnosis and management of oral diseases
- demonstrate the skills and attitudes to exhibit initiative and self-reliance in critically evaluating and synthesising ideas and information related to the units
- make evidence-based decisions and recommendations in research and/or clinical practice
- provide oral surgical services relevant to the broad community.

Further information

The Graduate Diploma in Clinical Dentistry (Surgical Dentistry) is a one year full-time course. Students will enrol and complete all units of study outlined for each semester in Year 1 of the Table of units of study: Oral Surgery. This course is primarily clinically based with didactic sessions and a research component in each semester.

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is full-time. In order to fulfil the requirements to successfully perform advanced surgery in general practice, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 UOS code and name	Credit points
DENT5201 Oral Medicine and Oral Pathology 1	6
DENT6210 Generic Clinical Skills and Knowledge	6
DENT6211 Perioperative Care 1	6
DENT6000 Research Methods in Dentistry	6

Semester 2 UOS code and name	Credit points
DENT5204 Oral Pathology 1	6
DENT6212 Perioperative Care 2	6
DENT6213 Dento-alveolar Surgery 1	6
DENT6010 Dental Research Studies 1	6

Table of units of study: Oral Surgery

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
DENT5201 **Oral Medicine and Oral Pathology 1**	6	**C** DENT6000 and [(DENT6210 and DENT6211) or (DENT5200 andDENT5202)]	Semester 1
DENT6210 **Generic Clinical Skills and Knowledge**	6		Semester 1
DENT6211 **Perioperative Care 1**	6		Semester 1
DENT6000 **Research Methods in Dentistry**	6		Semester 1
DENT5204 **Oral Pathology 1**	6	**P** DENT6000 and [(DENT5201 and DENT6210 and DENT6211) or (DENT5200 and DENT5201 and DENT5202)] **C** DENT6010 and [(DENT6212 and DENT6213) or (DENT5203 and DENT5205)]	Semester 2
DENT6212 **Perioperative Care 2**	6		Semester 2
DENT6213 **Dento-alveolar Surgery 1**	6		Semester 2
DENT6010 **Dental Research Studies 1**	6	**P** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382	Semester 2
Year 2			
DENT5207 **Oral Pathology 2A**	6	**P** (DENT6010 and DENT5203 and DENT5204 and DENT5205) or DENT6127 **C** DENT6011 and DENT5206 and DENT5208	Semester 1
DENT6214 **Dento-alveolar Surgery 2**	6	**P** DENT5204 and DENT6212 and DENT6213 and DENT6010 **C** DENT5207 and DENT6218 and DENT6011 *Note: Department permission required for enrolment*	Semester 1
DENT6011 **Dental Research Studies 2**	6	**P** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386	Semester 1
DENT5210 **Oral Pathology 2B**	6	**P** (DENT6011 and DENT5206 and DENT5207 and DENT5208) or DENT6128 **C** DENT6012 and DENT5209 and DENT5211	Semester 2
DENT6215 **Dento-alveolar Surgery 3**	6	**P** DENT5204 and DENT6214 and DENT6218 and DENT6011 **C** DENT5210 and DENT6219 and DENT6012	Semester 2
DENT6218 **Dento-alveolar Trauma 1**	6	**P** (DENT5204 and DENT6212 and DENT6213 and DENT6010) **C** (DENT5207 and DENT6214 and DENT6011) *Note: Department permission required for enrolment*	Semester 2
DENT6219 **Dento-alveolar Trauma 2**	6	**P** DENT5024	Semester 2
DENT6012 **Dental Research Studies 3**	6	**P** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393	Semester 2
Year 3			
DENT6385 **Foundation: Orofacial Pain**	6		Semester 1
DENT6216 **Dento-alveolar Surgery 4**	6	**P** (DENT5210 and DENT6215 and DENT6219 and DENT6012) **C** (DENT6385 and DENT5300 and DENT6013)	Semester 1
DENT5300 **Basic Life Support and Resuscitation A**	6	**C** DENT5301	Semester 1
DENT6013 **Dental Research Studies 4**	6	**P** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397	Semester 1
DENT6389 **Orofacial Pain 1**	6	**P** DENT6385	Semester 2
DENT6217 **Dento-alveolar Surgery 5**	6	**P** (DENT6385 and DENT6216 and DENT5300 and DENT6013) **C** (DENT6389 and DENT6301 and DENT6014)	Semester 2
DENT5301 **Theory and Practice of Dental Sedation A**	6	**C** DENT5300 *Note: Department permission required for enrolment*	Semester 1 Semester 2
DENT6014 **Dental Research Studies 5**	6	**P** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411	Semester 2

Unit of study descriptions

Year 1

DENT5201
Oral Medicine and Oral Pathology 1

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter, Associate Professor Hedley Coleman, Associate Professor Hans Zoellner, Dr Anastasia Georgiou, Dr Sue-Ching Yeoh **Session:** Semester 1 **Classes:** oral medicine clinic x 10 hrs, biopsy clinic x 3 hours, medically complex clinic x 4hrs, oral medicine/oral pathology conference x 4hrs (per week) **Corequisites:** DENT6000 and [(DENT6210 and DENT6211) or (DENT5200 andDENT5202)]

Assessment: continuous clinical assessment (50%), viva voce (50%) **Mode of delivery:** Clinical experience

Textbooks

Oral and Maxillofacial Pathology, 2nd Ed BW Neville, DD Damm. CA Allen. JE Bouquot.
Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright
Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan
Medical Problems in Dentistry, C Scully, RA Cawson
Dental Management of the Medically Compromised Patient, JW Little, DA Falace, CS Miller, NL Rhodus.

DENT6210
Generic Clinical Skills and Knowledge

Credit points: 6 **Teacher/Coordinator:** Dr Stephen Cox, Ms Tracey Bowerman **Session:** Semester 1 **Classes:** Oral surgery clinics, medically complex clinic **Assessment:** Clinical assessment (30%), written paper (40%), Viva voce examination (30%) **Mode of delivery:** Clinical experience

Textbooks
Talley, NJ, and S O'Connor. Clinical Examination. A Systemic Guide to Physical Diagnosis. Fifth ed. Sydney: Churchill Livingston, 2006.

DENT6211
Perioperative Care 1

Credit points: 6 **Teacher/Coordinator:** Dr Stephen Cox, Ms Tracey Bowerman **Session:** Semester 1 **Classes:** oral surgery clinics, medically complex clinical cases, participation in multidisciplinary clinics, clinical sessions weekly **Assessment:** Clinical assessment (50%), assignment (50%) **Mode of delivery:** Clinical experience

Textbooks
Talley, NJ, and S O'Connor. Clinical Examination. A Systemic Guide to Physical Diagnosis. Fifth ed. Sydney: Churchill Livingston, 2006.

DENT6000
Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Online sessions: 1 x 3hr module and assignment/week x 10weeks **Assessment:** Final Assignment (50%) and weekly assignment (50%) **Practical field work:** Clinically based **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks
Class notes and full-text journal articles are provided via the course website.

DENT5204
Oral Pathology 1

Credit points: 6 **Teacher/Coordinator:** Associate Professor Hedley Coleman **Session:** Semester 2 **Classes:** Oral pathology conference (slide review and journal club) x 2 hrs,seminars x 1 hr, diagnostic histology/pathology x 1 hr (per week) **Prerequisites:** DENT6000 and [(DENT5201 and DENT6210 and DENT6211) or (DENT5200 and DENT5201 and DENT5202)] **Corequisites:** DENT6010 and [(DENT6212 and DENT6213) or (DENT5203 and DENT5205)] **Assessment:** 1x2hr written exam (50%), viva voce (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks
Oral Anatomy, Embryology and Histology, 3rd ed, Berkowitz BKB, Holland GR and Moxham BJ.
Oral and Maxillofacial Pathology, 2nd ed, BW Neville, DD Damm. CA Allen. JE Bouquot.
Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan

DENT6212
Perioperative Care 2

Credit points: 6 **Teacher/Coordinator:** Dr Stephen Cox, Ms Tracey Bowerman **Session:** Semester 2 **Classes:** oral surgery clinics, medically complex clinical cases, participation in multidisciplinary clinics, clinical sessions weekly **Assessment:** Clinical assessment (20%), written exam (40%), Viva voce examination (40%) **Mode of delivery:** Clinical experience

Textbooks
Talley, NJ, and S O'Connor. Clinical Examination. A Systemic Guide to Physical Diagnosis. Fifth ed. Sydney: Churchill Livingston, 2006.

DENT6213
Dento-alveolar Surgery 1

Credit points: 6 **Teacher/Coordinator:** Dr Stephen Cox, Ms Tracey Bowerman **Session:** Semester 2 **Classes:** 1x1hr lect and 1x1hr tut and 3hr clinical sessions **Assessment:** Clinical assessment (30%), Written exam (40%), Viva voce examination (30%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks
Kwon, PH, and DM Laskin. Clinician's Manual of Oral and Maxillofacial Surgery. 3rd ed.: Quintessence Books, 1991. Ord, RA, JD Langdon, MF Patel, and PA Brennan. Operative Oral and Maxillofacial Surgery. 2nd ed.: Hodder Arnold, 1998. Scully, C. Medical Problems in Dentistry. 6th ed. Toronto: Churchill Livingstone, 1982.

DENT6010
Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 2hr research sessions. **Prerequisites:** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

Year 2

DENT5207
Oral Pathology 2A

Credit points: 6 **Teacher/Coordinator:** Associate Professor Hedley Coleman **Session:** Semester 1 **Classes:** Oral pathology conference (slide review and journal club) x 2 hrs,seminars x 1 hr, diagnostic oral pathology x 1 hr (per week) **Prerequisites:** (DENT6010 and DENT5203 and DENT5204 and DENT5205) or DENT6127 **Corequisites:** DENT6011 and DENT5206 and DENT5208 **Assessment:** 1x 2hr written examination (50%), viva voce (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks
Oral and Maxillofacial Pathology, 2nd ed, BW Neville, DD Damm. CA Allen. JE Bouquot.
Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan
Pathologic Basis of Disease, 7th ed, Kumar V, Abbas AK, Fausto N

DENT6214
Dento-alveolar Surgery 2

Credit points: 6 **Teacher/Coordinator:** Dr Stephen Cox **Session:** Semester 1 **Classes:** 1x1hr lect and 1x1hr tut and 3hr clinical sessions **Prerequisites:** DENT5204 and DENT6212 and DENT6213 and DENT6010 **Corequisites:** DENT5207 and DENT6218 and DENT6011 **Assessment:** Clinical assessment (50%), Assignment (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day
Note: Department permission required for enrolment.

Textbooks
Alling, CC, JF Helfrick, and RD Alling. Impacted Teeth. Philadelphia: WB Saunders Co, 1993.

DENT6011
Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

DENT5210
Oral Pathology 2B

Credit points: 6 **Teacher/Coordinator:** Associate Professor Hedley ColemanAssociate Professor Chris Griffiths **Session:** Semester 2 **Classes:** Oral pathology conference (slide review and journal club) x 2 hrs,seminars x 1 hr, diagnostic oral pathology x 1 hr (per week)forensic odontology course 30hrs **Prerequisites:** (DENT6011 and DENT5206 and DENT5207 and DENT5208) or DENT6128 **Corequisites:** DENT6012 and DENT5209 and DENT5211 **Assessment:** oral presentations (20%), 1x3hr written exam (40%), 1x1hr practical exam (20%), viva voce (20%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks
Oral and Maxillofacial Pathology, 2nd Ed, BW Neville, DD Damm. CA Allen. JE Bouquot.
Lucas's Pathology of Tumours of the Oral Tissues, RA Cawson, WH Binnie, PM Speight, AW Barrett, JM Wright
Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan

DENT6215
Dento-alveolar Surgery 3

Credit points: 6 **Session:** Semester 2 **Classes:** oral surgery clinics, medically complex clinical cases, participation in multidisciplinary clinics, clinical sessions weekly **Prerequisites:** DENT5204 and DENT6214 and DENT6218 and

DENT6011 **Corequisites:** DENT5210 and DENT6219 and DENT6012 **Assessment:** Clinical assessment (30%), Written exam (40%), Viva voce examination (30%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

DENT6218
Dento-alveolar Trauma 1

Credit points: 6 **Teacher/Coordinator:** Dr Stephen Cox **Session:** Semester 2 **Classes:** oral surgery clinics, medically complex clinical cases, participation in multidisciplinary clinics, clinical sessions weekly **Prerequisites:** (DENT5204 and DENT6212 and DENT6213 and DENT6010) **Corequisites:** (DENT5207 and DENT6214 and DENT6011) **Assessment:** Clinical assessment (40%), Assignment (60%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Note: Department permission required for enrolment.

Textbooks

Fonseca, RJ, RV Walker, NJ Betts, HD Barber, and MP Powers. Oral and Maxillofacial Trauma. Vol. 1, 2. 2 vols. Philadelphia, 2005. Sailer, HF, and GF Pajarola. Color Atlas of Dental Medicine: Oral Surgery for the General Dentist. Stuttgart: Thieme, 1999. Scully, C. Oral and Maxillofacial Medicine: The Basis of Diagnosis and Treatment. Second ed. Edinburgh: Chruchill Livingston, 2004. Talley, NJ, and S O'Connor. Clinical Examination. A Systemic Guide to Physical Diagnosis. Fifth ed. Sydney: Churchill Livingston, 2006.

DENT6219
Dento-alveolar Trauma 2

Credit points: 6 **Session:** Semester 2 **Classes:** oral surgery clinics, medically complex clinical cases, participation in multidisciplinary clinics, clinical sessions weekly **Prerequisites:** DENT5024 **Assessment:** Clinical assessment (30%), Written examination (40%), Viva voce examination (30%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks

Fonseca, RJ, RV Walker, NJ Betts, HD Barber, and MP Powers. Oral and Maxillofacial Trauma. Vol. 1, 2. 2 vols. Philadelphia, 2005. Sailer, HF, and GF Pajarola. Color Atlas of Dental Medicine: Oral Surgery for the General Dentist. Stuttgart: Thieme, 1999. Scully, C. Oral and Maxillofacial Medicine: The Basis of Diagnosis and Treatment. Second ed. Edinburgh: Chruchill Livingston, 2004. Talley, NJ, and S O'Connor. Clinical Examination. A Systemic Guide to Physical Diagnosis. Fifth ed. Sydney: Churchill Livingston, 2006.

DENT6012
Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

Year 3

DENT6385
Foundation: Orofacial Pain

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks

A recommended reading and text book list is provided for this unit in class.

DENT6216
Dento-alveolar Surgery 4

Credit points: 6 **Session:** Semester 1 **Prerequisites:** (DENT5210 and DENT6215 and DENT6219 and DENT6012) **Corequisites:** (DENT6385 and DENT5300 and DENT6013) **Assessment:** Clinical assessment (30%) Participation in all, and presentation at three clinical meetings achieving a satisfactory mark (70%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks

Alling, CC, JF Helfrick, and RD Alling. Impacted Teeth. Philadelphia: WB Saunders Co, 1993. Dimitroulis, G. Illustrated Lecture Notes in Oral and Maxillofacial Surgery. Chicago: Quintessence Publishing Co, 2008. Fonseca, RJ, RV Walker, NJ Betts, HD Barber, and MP Powers. Oral and Maxillofacial Trauma. Vol. 1, 2. 2 vols. Philadelphia, 2005. Sailer, HF, and GF Pajarola. Color Atlas of Dental Medicine: Oral Surgery for the General Dentist. Stuttgart: Thieme, 1999. Scully, C. Oral and Maxillofacial Medicine: The Basis of Diagnosis and Treatment. Second ed. Edinburgh: Chruchill Livingston, 2004. Talley, NJ, and S O'Connor. Clinical Examination. A Systemic Guide to Physical Diagnosis. Fifth ed. Sydney: Churchill Livingston, 2006.

DENT5300
Basic Life Support and Resuscitation A

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions. **Corequisites:** DENT5301 **Assessment:** Clinical and theoretical work **Mode of delivery:** Clinical experience

Textbooks

A recommended text book/reading list will be provided in class.

DENT6013
Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

DENT6389
Orofacial Pain 1

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6385 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Textbooks

A recommended reading and text book list is provided for this unit in class.

DENT6217
Dento-alveolar Surgery 5

Credit points: 6 **Session:** Semester 2 **Classes:** oral surgery clinics, medically complex clinical cases, participation in multidisciplinary clinics, clinical sessions weekly **Prerequisites:** (DENT6385 and DENT6216 and DENT5300 and DENT6013) **Corequisites:** (DENT6389 and DENT6301 and DENT6014) **Assessment:** Clinical assessment (30%), Written examination (30%), Surgical log-book (40%) **Mode of delivery:** Clinical experience

Textbooks

Alling, CC, JF Helfrick, and RD Alling. Impacted Teeth. Philadelphia: WB Saunders Co, 1993. Dimitroulis, G. Illustrated Lecture Notes in Oral and Maxillofacial Surgery. Chicago: Quintessence Publishing Co, 2008. Fonseca, RJ, RV Walker, NJ Betts, HD Barber, and MP Powers. Oral and Maxillofacial Trauma. Vol. 1, 2. 2 vols. Philadelphia, 2005. Sailer, HF, and GF Pajarola. Color Atlas of Dental Medicine: Oral Surgery for the General Dentist. Stuttgart: Thieme, 1999.

DENT5301
Theory and Practice of Dental Sedation A

Credit points: 6 **Teacher/Coordinator:** Dr. Ken Harrison **Session:** Semester 1, Semester 2 **Classes:** Small group seminars and clinical sessions **Corequisites:** DENT5300 **Assessment:** Clinical and theoretical work comprising written assignments **Mode of delivery:** Clinical experience

Note: Department permission required for enrolment.

Textbooks

A recommended text book/reading list will be provided in class

DENT6014
Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

(Clinical Dentistry) Orthodontics

Doctor of Clinical Dentistry (Orthodontics)

Graduate Diploma in Clinical Dentistry (Tooth Mechanics)

Graduate Certificate in Clinical Dentistry (Tooth Mechanics)

	Graduate Certificate in Clinical Dentistry (Tooth Mechanics)	Graduate Diploma in Clinical Dentistry (Tooth Mechanics)	Doctor of Clinical Dentistry (Orthodontics)
Course code	EG005 or GCCLDTOM1000	EF010 or GNCLDTOM1000	EB002 or TCCLDORD1000
CRICOS code	N/A	064290M	0064272B
Degree Abbreviation	GradCertClinDent(Tooth Mechanics)	GradDipClinDent(Tooth Mechanics)	DClinDent(Orthodontics)
Credit points required to complete	24	48	144
Time to complete full-time			3 years

Overview

The course provides the opportunity to develop skills and acquire knowledge essential for specialisation in orthodontics through a comprehensive curriculum of theoretical and clinical studies. The content of the course provides all treatment approaches in dento-facial orthopaedics and orthodontics including growth modification / orthopaedic treatment modalities, adult treatment and orthognatic surgery treatment, management of obstructive sleep apnoea in children and in adults, the use of temporary anchorage devices and the use of different fixed and removable appliance techniques including twin, self-ligating and lingual brackets and sequential thermoplastic aligners. All treatment approaches taught are based on refereed scientific literature.

Course outcomes

This course prepares candidates for work in a specialist practice in orthodontics or a specialist clinic in a hospital or in a university environment to pursue an academic career.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is full-time. In order to fulfil the requirements for registration as a specialist in this field, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 UoS code and name	Credit points
DENT5160 Orthodontics Clinical Training 1	6
DENT5161 Orthodontics Clinical Training 2	6
DENT5162 Introduction to Orthodontics Theory	6

Semester 1 UoS code and name	Credit points
DENT6000 Research Methods in Dentistry	6

Semester 2 UoS code and name	Credit points
DENT5163 Orthodontics Clinical Training 3	6
DENT5164 Orthodontics Clinical Training 4	6
DENT5165 Basic Orthodontic Theory	6
DENT6010 Dental Research Studies 1	6

Academic Year 2

Semester 1 UoS code and name	Credit points
DENT5166 Orthodontics Clinical Training 5	6
DENT5167 Orthodontics Clinical Training 6	6
DENT5168 Intermediate Orthodontic Theory	6
DENT6011 Dental Research Studies 2	6

Semester 2 UoS code and name	Credit points
DENT5169 Orthodontics Clinical Training 7	6
DENT5170 Orthodontics Clinical Training 8	6
DENT5171 Advanced Orthodontic Theory	6
DENT6012 Dental Research Studies 3	6

Academic Year 3

Semester 1 UoS code and name	Credit points
DENT5172 Orthodontics Clinical Training 9	6

Semester 1 UoS code and name	Credit points
DENT5173 Orthodontics Clinical Training 10	6
DENT5174 Comprehensive Orthodontic Theory 1	6
DENT6013 Dental Research Studies 4	6

Semester 2 UoS code and name	Credit points
DENT5175 Orthodontics Clinical Training 11	6

Semester 2 UoS code and name	Credit points
DENT5176 Orthodontics Clinical Training 12	6
DENT5177 Comprehensive Orthodontic Theory 2	6
DENT6014 Dental Research Studies 5	6

Table of units of study: Orthodontics

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
DENT5160 **Orthodontics Clinical Training 1**	6		Semester 1
DENT5161 **Orthodontics Clinical Training 2**	6		Semester 1
DENT5162 **Introduction to Orthodontic Theory**	6		Semester 1
DENT6000 **Research Methods in Dentistry**	6		Semester 1
DENT5163 **Orthodontics Clinical Training 3**	6	**P** (DENT5160 and DENT5161) or DENT6226	Semester 2
DENT5164 **Orthodontics Clinical Training 4**	6	**P** (DENT5160 and DENT5161) or DENT6226	Semester 2
DENT5165 **Basic Orthodontic Theory**	6	**P** DENT5162 or DENT6226	Semester 2
DENT6010 **Dental Research Studies 1**	6	**P** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382	Semester 2
Gradute Certificate exit students are required to successfully complete the first 4 units of study. Graduate Diploma exit students are required to successfully complete the first 8 units of study.			
Year 2			
DENT5166 **Orthodontics Clinical Training 5**	6	**P** (DENT5163 and DENT5164) or DENT6227	Semester 1
DENT5167 **Orthodontics Clinical Training 6**	6	**P** (DENT5163 and DENT5164) or DENT6227	Semester 1
DENT5168 **Intermediate Orthodontic Theory**	6	**P** DENT5165 or DENT6227	Semester 1
DENT6011 **Dental Research Studies 2**	6	**P** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386	Semester 1
DENT5169 **Orthodontics Clinical Training 7**	6	**P** (DENT5166 and DENT5167) or DENT6228	Semester 2
DENT5170 **Orthodontics Clinical Training 8**	6	**P** (DENT5166 and DENT5167) or DENT6228	Semester 2
DENT5171 **Advanced Orthodontic Theory**	6	**P** DENT5168 or DENT6228	Semester 2
DENT6012 **Dental Research Studies 3**	6	**P** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393	Semester 2
Year 3			
DENT5172 **Orthodontics Clinical Training 9**	6	**P** (DENT5169 and DENT5170) or DENT6229	Semester 1
DENT5173 **Orthodontics Clinical Training 10**	6	**P** (DENT5169 and DENT5170) or DENT6229	Semester 1
DENT5174 **Comprehensive Orthodontic Theory 1**	6	**P** DENT5171 or DENT6229	Semester 1
DENT6013 **Dental Research Studies 4**	6	**P** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397	Semester 1
DENT5175 **Orthodontics Clinical Training 11**	6	**P** (DENT5172 and DENT5173) or DENT6230	Semester 2
DENT5176 **Orthodontics Clinical Training 12**	6	**P** (DENT5172 and DENT5173) or DENT6230	Semester 2
DENT5177 **Comprehensive Orthodontic Theory 2**	6	**P** DENT5174 or DENT6230	Semester 2

Unit of study	Credit points	A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition	Session
DENT6014 **Dental Research Studies 5**	6	**P** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411	Semester 2

Unit of study descriptions

Year 1

DENT5160
Orthodontics Clinical Training 1

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 4x7hr clinic training and 1x6hr workshop/wk. **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit familiarises students with the important aspects of orthodontic clinical sequences and basic clinical skills. It runs for two months and covers both basic theoretical and clinical orthodontic skills that are essential prior to undertaking patient treatment. This unit has a preclinical focus: Typodont simulation to manage and observe orthodontic tooth movement and wire bending sessions to learn and practice hand bending of wires.

Textbooks
Notes will be distributed in class.

DENT5161
Orthodontics Clinical Training 2

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 4x7hr clinic training and 1x6hr workshop/wk. **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to further familiarise students with the important aspects of orthodontic treatment sequencing by typodont simulations and to also learn clinical set-up and basic clinical skills. Further typodont training is carried out where students manage and observe orthodontic tooth movement prior to patient management. Wire bending sessions allow the students to hand bend a variety of structures from the wire. Basic clinical set-up sessions aim to teach students to undertake very basic procedures clinically, including bracket bonding, removable appliances placement and bonded appliance cementation.

Textbooks
Notes will be distributed in class.

DENT5162
Introduction to Orthodontic Theory

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 5x1.5hr morning tutorial/lecture and 5x2hr evening tutorial/lecture /wk **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit is a series of lectures and daily tutorials on fundamental orthodontic theory. The topics in this unit include the concept of growth and development, craniofacial anatomy and cephalometric analysis. Students are required to read and critically review the designated reading and present their views in the tutorials.

Textbooks
Notes will be distributed in class.

DENT6000
Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Online sessions: 1 x 3hr module and assignment/week x 10weeks **Assessment:** Final Assignment (50%) and weekly assignment (50%) **Practical field work:** Clinically based **Mode of delivery:** Normal (lecture/lab/tutorial) day

Research Methods in Dentistry is a postgraduate course designed to provide fundamental knowledge and skills in clinical research design and Evidence-Based Dentistry for students intending to undertake research at the Faculty of Dentistry.

All course material is provided through eLearning via the University of Sydney's website. A detailed series of notes and tutorial exercises are included in the study material. Students are required to complete one tutorial exercise/assignment each week and a final assignment at the end of the course.

Topics covered include introduction to Evidence-Based Dentistry, epidemiologic study design, basic biostatistics, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles which is an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. An introduction into conducting literature search, diagnostic test studies and systematic reviews is also provided.

Textbooks
Class notes and full-text journal articles are provided via the course website.

DENT5163
Orthodontics Clinical Training 3

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 4x7hr clinic training and 1x6hr workshop/wk. **Prerequisites:** (DENT5160 and DENT5161) or DENT6226 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to familiarise students with the important aspects of orthodontic clinical set-up and basic clinical skills. Students will be trained to undertake basic clinical procedures, including orthodontic bracket bonding, removable appliance placement and bonded appliances cementation.

Textbooks
Notes will be distributed in class.

DENT5164
Orthodontics Clinical Training 4

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 4x7hr clinic training and 1x6hr workshop/wk. **Prerequisites:** (DENT5160 and DENT5161) or DENT6226 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to further familiarise students with the important aspects of orthodontic clinical set-up and basic clinical skills. Students will be trained to undertake basic clinical procedures, including orthodontic bracket bonding, removable appliance placement and bonded appliances cementation. At this stage, the students also obtain basic skills in proceeding with correct treatment sequences.

Textbooks
Notes will be distributed in class.

DENT5165
Basic Orthodontic Theory

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 5x1.5hr morning tutorial/lecture and 5x2hr evening tutorial/lecture /wk **Prerequisites:** DENT5162 or DENT6226 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit is a series of lectures and daily tutorials on fundamental orthodontic theory. The topics in this unit include biomechanics of tooth movement and biomechanical traits of brackets and archwires. Students are required to read and critically review the designated reading and present their views in the tutorials. The students are also required to complete an assignment on a relevant topic and present it during the tutorials.

Textbooks
Notes will be distributed in class.

DENT6010
Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 2hr research sessions. **Prerequisites:** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides the introduction to a research project, including the development of a research proposal and literature review. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Gradute Certificate exit students are required to successfully complete the first 4 units of study.Graduate Diploma exit students are required to successfully complete the first 8 units of study.

Year 2

DENT5166
Orthodontics Clinical Training 5

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5163 and DENT5164) or DENT6227 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to familiarise students with the important orthodontic techniques including standard Edgewise, basic straight wire techniques (e.g. MBT). Each clinical technique is taught first by typodont simulation and then applied to patients. This Unit also gives the students opportunities to use a variety of bracket types, and practice choosing proper archwires from a wide range of preformed wires. Advanced skills training also covers the knowledge and use of advanced digital imaging systems, such as Dolphin, 3dMD, LaserDenta and their applications in assisting case diagnosis, treatment planning and treatment assessment.

Textbooks
Notes will be distributed in class.

DENT5167
Orthodontics Clinical Training 6

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5163 and DENT5164) or DENT6227 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to familiarise students with the important orthodontic techniques including various straight wire modalities, functional appliances, miniscrew implants. Each clinical technique is taught first by typodont simulation and then applied to patients. This Unit also gives the students opportunities to use a variety of bracket types, especially the self-ligating brackets, and build up their ability to choose proper archwires from a wide range of preformed wires. Advanced skills training also covers the knowledge and use of advanced digital imaging systems in assisting case diagnosis, treatment planning and treatment assessment.

Textbooks
Notes will be distributed in class.

DENT5168
Intermediate Orthodontic Theory

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 5x1.5hr morning tutorial/lecture and 5x2hr evening tutorial/lecture /wk **Prerequisites:** DENT5165 or DENT6227 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit is a series of lectures and daily tutorials on fundamental orthodontic theory. The topics in this unit include recent developments on the topics of growth and development, craniofacial anatomy cephalometric analysis, biomechanics of tooth movement, biomechanical traits of brackets and archwires. Students are required to read and critically review the designated reading and present their views in the tutorials. The students are also required to complete an assignment on a relevant topic and present it during the tutorials.

Textbooks
Notes will be distributed in class.

DENT6011
Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5169
Orthodontics Clinical Training 7

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5166 and DENT5167) or DENT6228 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to familiarise students with important advanced orthodontic techniques including invisible techniques (e.g. Invisalign and lingual). Each clinical technique is taught first by typodont simulation and then applied to patients. Advanced skills training also covers the further knowledge and use of advanced digital imaging systems in assisting case diagnosis, treatment planning and treatment assessment.

Textbooks
Notes will be distributed in class.

DENT5170
Orthodontics Clinical Training 8

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5166 and DENT5167) or DENT6228 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to teach students how to combine and integrate various orthodontic techniques and apply them to resolving individual problems. The hybrid mechanism, which combines various bracket systems to achieve maximum effects, is also an important treatment philosophy that the students are required to learn and use in clinic.

Textbooks
Notes will be distributed in class.

DENT5171
Advanced Orthodontic Theory

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 5x1.5hr morning tutorial/lecture and 5x2hr evening tutorial/lecture /wk **Prerequisites:** DENT5168 or DENT6228 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit is a series of lectures and daily tutorials on advanced orthodontic theory. The topics in this unit include clinical trials and basic studies, narrative and systematic reviews on certain topics about

clinical treatment modalities and their effects. This unit exposes students to contemporary developments of orthodontic treatment approaches and the supporting research, to understand the important philosophy of evidence-based orthodontics.

Textbooks
Notes will be distributed in class.

DENT6012
Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Year 3

DENT5172
Orthodontics Clinical Training 9

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5169 and DENT5170) or DENT6229 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to teach students how to combine and integrate various orthodontic techniques and apply them to resolving complicated orthodontic problems. The students are taught to treat malocclusions using various techniques including combined mechanisms consisting of different techniques that are suitable for the specific case. The hybrid mechanism, which combines various bracket systems to achieve maximum effects, is also an important treatment philosophy that the students are required to further learn and use in clinic.

Textbooks
Notes will be distributed in class.

DENT5173
Orthodontics Clinical Training 10

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5169 and DENT5170) or DENT6229 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to teach students how to coordinate and integrate with other dental or surgical specialties for an interdisciplinary approach for the orthodontic patient. Interdisciplinary management with orthognathic surgery is an essential approach that is studied. The students are required to undertake pre and post-operative orthodontic treatment analysis and discuss orthognathic approaches with the surgeon.

Textbooks
Notes will be distributed in class.

DENT5174
Comprehensive Orthodontic Theory 1

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 1 **Classes:** 5x1.5hr morning tutorial/lecture and 5x2hr evening tutorial/lecture /wk **Prerequisites:** DENT5171 or DENT6229 **Assessment:** 1x1hr viva (50%) and 1x3hrs written exam (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit is a series of lectures and daily tutorials on comprehensive orthodontic theories. These include published studies on combined use of various techniques, and clinical trials that apply newly developed techniques. This unit also emphasises the recent developments of comprehensive orthodontic treatment approaches and the underlying research. This unit further exposes students to contemporary developments of orthodontic treatment approaches and the supporting research, to understand the important philosophy of evidence-based orthodontics.

Textbooks
Notes will be distributed in class.

DENT6013
Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data acquisition and analysis. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5175
Orthodontics Clinical Training 11

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5172 and DENT5173) or DENT6230 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to further teach students how to coordinate and integrate with other dental or surgical specialties for an interdisciplinary approach for the orthodontic patient. Students learn about independently processing the entire course of treatment, including diagnosis and treatment planning and the implementation of specific treatment based on its underlying mechanisms.

Textbooks
Notes will be distributed in class.

DENT5176
Orthodontics Clinical Training 12

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 5x7hr clinic training/wk. **Prerequisites:** (DENT5172 and DENT5173) or DENT6230 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Clinical experience

This unit is designed to teach students how deal with complicated situations in relation to case completion. The students are required to learn all of the procedures of terminating the treatment, including establishing a proper protocol for retention. They are also required to learn the protocols of case treatment summary and case records archiving.

Textbooks
Notes will be distributed in class.

DENT5177
Comprehensive Orthodontic Theory 2

Credit points: 6 **Teacher/Coordinator:** Prof M. Ali Darendeliler **Session:** Semester 2 **Classes:** 5x1.5hr morning tutorial/lecture and 5x2hr evening tutorial/lecture /wk **Prerequisites:** DENT5174 or DENT6230 **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit is a series of lectures and daily tutorials on concepts of interactions between orthodontics and other disciplines. These include

the reported success in interdisciplinary management of the orthodontic patient, and the appropriate sequences in managing the interdisciplinary team. This unit exposes students to the contemporary developments of orthodontic interdisciplinary approaches and the supporting research, to understand the important philosophy of evidence-based orthodontics.

Textbooks
Notes will be distributed in class.

DENT6014
Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data analysis, treatise write-up and submission. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

(Clinical Dentistry) Paediatric Dentistry

Doctor of Clinical Dentistry (Paediatric Dentistry)

Graduate Diploma in Clinical Dentistry (Child Health)

Graduate Certificate in Clinical Dentistry (Child Health)

	Graduate Certificate in Clinical Dentistry (Child Health)	Graduate Diploma in Clinical Dentistry (Child Health)	Doctor of Clinical Dentistry (Paediatric Dentistry)
Course code	EG002 or GCCLDCHH1000	EF007 or GNCLDCHH1000	EB003 or TCCLDPAD1000
CRICOS code	N/A	064295F	064298C
Degree Abbreviation	GradCertClinDent(Child Health)	GradDipClinDent(Child Health)	DClinDent(Paediatric Dentistry)
Credit points required to complete	24	48	144
Time to complete full-time			3 years

Overview

The course aims to develop the skills necessary for specialisation in paediatric dentistry. The course is aimed at qualified dentists who wish to specialise in paediatric dentistry. The program prepares students for work in a specialist practice in paediatric dentistry or a specialist clinic in a hospital.

Course outcomes

By the end of the course, students should have acquired the knowledge and experience to:

- engage in the professional practice of paediatric dentistry, using relevant and contemporary skills, techniques and technologies
- apply an evidence-based approach to the management of dental and craniofacial diseases and disorders of childhood, including the ability to formulate and implement appropriate treatment plans, taking into account the child's age, medical and social history and treatment needs
- develop a thorough understanding of normal growth and development, from infancy to adulthood and the ability to recognise and manage abnormal development
- critically evaluate relevant literature and construct and test research hypotheses and engage in clinically relevant research.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is full-time. In order to fulfil the requirements for registration as a specialist in this field, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 UoS code and name	Credit points
DENT5031 Behaviour Management	6
DENT5032 Child Assessment and Treatment Planning	6
DENT5033 Preventive Dentistry 1	6

Semester 1 UoS code and name	Credit points
DENT6000 Research Methods in Dentistry	6

Semester 2 UoS code and name	Credit points
DENT5034 Restorative Paediatric Dentistry Part 1	6
DENT5035 Management of Orofacial Trauma 1	6
DENT5036 Community Paediatric Dentistry	6
DENT6010 Dental Research Studies 1	6

Academic Year 2

Semester 1 UoS code and name	Credit points
DENT5037 Preventive Dentistry 2	6
DENT5038 Restorative Paediatric Dentistry Part 2	6
DENT5039 Growth and Development	6
DENT6011 Dental Research Studies 2	6

Semester 2 UoS code and name	Credit points
DENT5040 Dental Anomalies and Genetics	6
DENT5041 Paediatric Oral pathology and Medicine 1	6
DENT5042 Development of the Occlusion	6

Semester 2 UoS code and name	Credit points
DENT6012 Dental Research Studies 3	6

Academic Year 3

Semester 1 UoS code and name	Credit points
DENT5043 Management of Orofacial Trauma Part 2	6
DENT5044 Paediatric Medicine and Surgery	6
DENT5045 Management of Childrens' Special Needs	6

Semester 1 UoS code and name	Credit points
DENT6013 Dental Research Studies 4	6

Semester 2 UoS code and name	Credit points
DENT5046 Dental Anomalies and Genetics 2	6
DENT5047 Paediatric Oral Pathology and Medicine 2	6
DENT5048 Specialist Paediatric Practice	6
DENT6014 Dental Research Studies 5	6

Table of units of study: Paediatric Dentistry

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
DENT5031 **Behaviour Management**	6		Semester 1
DENT5032 **Child Assessment and Treatment Planning**	6		Semester 1
DENT5033 **Preventive Dentistry 1**	6		Semester 1
DENT6000 **Research Methods in Dentistry**	6		Semester 1
DENT5034 **Restorative Paediatric Dentistry Part 1**	6		Semester 2
DENT5035 **Management of Orofacial Trauma 1**	6		Semester 2
DENT5036 **Community Paediatric Dentistry**	6		Semester 2
DENT6010 **Dental Research Studies 1**	6	**P** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382	Semester 2
Graduate Certificate exit students are required to successfully complete the first 4 units of study. Graduate Diploma exit students are required to successfully complete the first 8 units of study.			
Year 2			
DENT5037 **Preventive Dentistry 2**	6	**P** DENT5033 or DENT6276	Semester 1
DENT5038 **Restorative Paediatric Dentistry Part 2**	6	**P** DENT5034 or DENT6276	Semester 1
DENT5039 **Growth and Development**	6		Semester 1
DENT6011 **Dental Research Studies 2**	6	**P** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386	Semester 1
DENT5040 **Dental Anomalies and Genetics 1**	6		Semester 2
DENT5041 **Paediatric Oral Pathology and Medicine 1**	6		Semester 2
DENT5042 **Development of the Occlusion**	6		Semester 2
DENT6012 **Dental Research Studies 3**	6	**P** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393	Semester 2
Year 3			
DENT5043 **Management of Orofacial Trauma Part 2**	6	**P** DENT5035 or DENT6277	Semester 1
DENT5044 **Paediatric Medicine and Surgery**	6		Semester 1
DENT5045 **Management of Children's Special Needs**	6		Semester 1
DENT6013 **Dental Research Studies 4**	6	**P** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397	Semester 1

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
DENT5046 **Dental Anomalies and Genetics 2**	6	**P** (DENT5039 and DENT5040) or (DENT6278 and DENT6279)	Semester 2
DENT5047 **Paediatric Oral Pathology and Medicine 2**	6	**P** DENT5041 or DENT6279	Semester 2
DENT5048 **Specialist Paediatric Practice**	6		Semester 2
DENT6014 **Dental Research Studies 5**	6	**P** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411	Semester 2

Unit of study descriptions

Year 1

DENT5031
Behaviour Management

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

The student must understand the sociology and psychology of pain and behavioural responses of patients to dental treatment and their implications for the effective practice of dentistry. The student must understand the different psychological aspects of phobias and the behavioural responses of children to dental treatment. This course covers aspects of child behavioural development and its relevance to patient management. The course will cover non-pharmacological control of pain and anxiety and behaviour shaping, including hypnosis. Pharmacological control of pain and anxiety, including local anaesthesia, relative analgesia and oral and IV sedation. General anaesthesia, including child assessment and hospital protocols and emergencies in dental and hospital practice.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition.

DENT5032
Child Assessment and Treatment Planning

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

This course aims to provide the trainee with an understanding of the normal growth and development of a child from birth to school age. They should learn an appreciation of the factors influencing a child's development and how these may impact on their oral health and the provision of care. They should learn to recognise abnormal growth, development and habits in the preschool age groups and be competent to manage them appropriately, including speech and language development. This course includes recognition of early childhood caries, a thorough understanding of involved factors and its management, together with a knowledge of the nutritional requirements of the preschool child and the weaning process. Trainees should learn how to develop an appropriate treatment plan, taking into account the child's age, maturity, medical history, treatment needs and caries risk. The course will also provide instruction in photography. Different types of digital and non-digital cameras for intra-oral photography will be discussed and experience will be gained in extra-oral and intra-oral photography.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition.

DENT5033
Preventive Dentistry 1

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%),1x3hr written exam (25%), 1x viva voce(25%) **Mode of delivery:** Clinical experience

The aim of this course is to provide students with an understanding of the factors that place an individual at risk of developing dental disease. They should learn the pathogenesis and theories of caries formation. The development of the oral microflora and microbiology of plaque and the role of intra and extra-cellular polysaccharides. They should learn to assess caries risk factors and how they relate to oral hygiene and diet. Have knowledge on how to prevent and control caries with fluorides, remineralising and antimicrobial agents, sealants and minimal intervention dentistry. Develop an understanding of the pathogenesis, diagnosis and management of periodontal diseases, to identify risk factors and understand the different manifestations and development of periodontal diseases in children and adults. Learn about the role of diet and nutrition in health and disease, with particular emphasis on disease heart disease, diabetes and obesity.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition.

DENT6000
Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Online sessions: 1 x 3hr module and assignment/week x 10weeks **Assessment:** Final Assignment (50%) and weekly assignment (50%) **Practical field work:** Clinically based **Mode of delivery:** Normal (lecture/lab/tutorial) day

Research Methods in Dentistry is a postgraduate course designed to provide fundamental knowledge and skills in clinical research design and Evidence-Based Dentistry for students intending to undertake research at the Faculty of Dentistry.

All course material is provided through eLearning via the University of Sydney's website. A detailed series of notes and tutorial exercises are included in the study material. Students are required to complete one tutorial exercise/assignment each week and a final assignment at the end of the course.

Topics covered include introduction to Evidence-Based Dentistry, epidemiologic study design, basic biostatistics, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles which is an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. An introduction into conducting literature search, diagnostic test studies and systematic reviews is also provided.

Textbooks
Class notes and full-text journal articles are provided via the course website.

DENT5034
Restorative Paediatric Dentistry Part 1

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

This course covers all the clinical aspects of prevention, repair and maintenance of the primary and permanent dentition in children and adolescents. The importance of sound diagnostic criteria leading to the creation of rational treatment plans is emphasised. The candidate should develop a sound understanding of differing treatment philosophies, materials and techniques. The importance of flexibility in treatment techniques to coincide with the advances in dental materials is stressed.

It will aim to ensure that Trainees have an evidenced-based approach to clinical paediatric dentistry and are expert in the delivery of clinical care. This course will be the foundation of clinical practice in this discipline. They should become proficient in the restoration of the primary and young permanent dentition and understand the uses and limitations of restorative and endodontic materials used in paediatric dentistry.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5035
Management of Orofacial Trauma 1

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** Clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce(25%) **Mode of delivery:** Clinical experience

This course covers all the aspects of dental traumatology, with special emphasis on the primary and young permanent dentitions. Trainees must become proficient in the diagnosis and management, including emergency presentations, of dentofacial injuries. They will learn the classification and epidemiology of dental injuries and the treatment alternatives. They should also develop an understanding of the pathogenesis of sequelae and complications following trauma and their appropriate management.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5036
Community Paediatric Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** 4x3hr tut/wk **Assessment:** tutorials (50%), 1x3hr written exam (25%), 1x viva voce(25%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course is concerned with topics relating to the community prevention of dental diseases and the management and utilisation of dental resources. The importance of statistical method in evaluation, interpretation and presentation of data is emphasised. At the completion of this course, the Trainee should have an understanding of the tools used for the assessment of the oral health status and treatment needs for the community, children, adolescents and special groups. They should have a working knowledge of the availability of community dental health services in Australasia and the assessment and financing of dental services in relation to dental needs and resources. They should be able to design surveys, evaluate data and have a knowledge of statistical methods.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT6010
Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 2hr research sessions. **Prerequisites:** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides the introduction to a research project, including the development of a research proposal and literature review. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Graduate Certificate exit students are required to successfully complete the first 4 units of study.Graduate Diploma exit students are required to successfully complete the first 8 units of study.

Year 2

DENT5037
Preventive Dentistry 2

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Prerequisites:** DENT5033 or DENT6276 **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

The aim of this course is to provide students with a more advanced understanding of the factors that place an individual at risk of developing dental disease. This course follows on from Preventive Dentistry 1 and aims to further the students understanding of all the factors discussed in the earlier course. In particular the students will review recent literature and discuss current recent on the topics.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5038
Restorative Paediatric Dentistry Part 2

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Prerequisites:** DENT5034 or DENT6276 **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

This course follows on from Restorative Dentistry Part 1 and ensures that trainees have advanced knowledge of paediatric restorative techniques. It will the emphasise the evidence-based practice of paediatric restorative dentistry, the materials used and comparison of restorative and endodontic techniques. The concept of minimal intervention dentistry will be further explored, together with social factors that influence caries risk and restorative success. Trainees will learn advanced restorative techniques required for the management of children with congenital and acquired dental anomalies and restorative options in the care of medically compromised patients.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition.

DENT5039
Growth and Development

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3hr tut **Assessment:** clinical prac (50%), tutorials (50%) **Mode of delivery:** Clinical experience

The student must understand the basic processes of normal growth and development and how pertubations result in abnormalities. The course will cover embryological development of the head and neck and the effects of prematurity, assessment of developmental milestones in infancy and postnatal growth and development of the head and neck. The mechanisms by which congenital abnormalities arise, concepts of dysmorphology and terminology and nomenclature used in syndromology. Principles of Mendelian genetics in relation to patterns of inheritance, gene expression and penetrance and the tools used in the diagnosis of genetic diseases. The role and processes of genetic counselling and to search for and retrieve information on dysmorphology via the World Wide Web and other syndrome diagnostic tools such as POSSUM.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition.

DENT6011
Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters

degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5040
Dental Anomalies and Genetics 1

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

This course deals with the abnormalities of dental growth and development; it will provide trainees with knowledge and skills in the diagnosis and management of children with acquired and congenital malformations affecting the mouth, head and neck. The course follows on from the unit on growth and development. They must develop a comprehensive knowledge of the pathogenesis, classification and both clinical and ultrastructural manifestations of dental anomalies. They will learn all the disorders of tooth number, size and shape and anomalies of enamel and dentine and disorders of eruption and root development.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5041
Paediatric Oral Pathology and Medicine 1

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3hr written exam (25%), 1x viva (25%) **Mode of delivery:** Clinical experience

This course covers all aspects of the diagnosis, clinico-pathology and management of paediatric oral pathology and medicine, it aims to give Trainees knowledge and skills in the management of children presenting with oral pathological lesions.

Trainees must be proficient in the management of children with a wide variety of disorders, including orofacial infections, vesiculobullous lesions, ulceration, autoimmune disorders, salivary disorders, paediatric malignancies and gingival disorders. They must also have detailed knowledge of the pathogenesis, clinical and ultra structural presentation, tests used in diagnosis and treatment, prognosis and management of these conditions. They must also be aware of the implications for dental treatment in children with these conditions. Trainees must also understand concepts of surgical management of children for orofacial pathology and be competent in the prescription of medications for inpatients and outpatients, basic surgical techniques required in an outpatient setting and the management of surgical complications arising from routine clinical care.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5042
Development of the Occlusion

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce(25%) **Mode of delivery:** Clinical experience

This course introduces Trainees to basic craniofacial development and interceptive orthodontic techniques. The growth and development component includes an introduction to the study of cephalometrics. The treatment component for the major part is directed towards the mixed dentition. Various techniques will be discussed which include removable appliance therapy, functional appliances and the fixed straight wire techniques. Other topics will include habits and serial extraction and their implications on developing dentition. Emphasis is laid on the importance of accurate diagnosis and treatment planning in management of the developing dentitions. An interdisciplinary approach is made to the treatment of craniofacial anomalies. Trainees should become proficient in the diagnosis of malocclusions in children and predictive growth analyses. They should learn to use removable appliances in interceptive management and fixed appliances for space maintenance, expansion and single arch regimes.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT6012
Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Year 3

DENT5043
Management of Orofacial Trauma Part 2

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Prerequisites:** DENT5035 or DENT6277 **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce(25%) **Mode of delivery:** Clinical experience

This course follows on from Orofacial Trauma Part 1 and aims expand the trainees understanding of dental trauma and its sequelae. It will look in depth at the evidence base for different management strategies, including endodontic, surgical, orthodontic and prosthodontic management alternatives. They will learn about the diagnosis and management of facial fractures and soft tissue trauma. It will cover the presentation and reporting of non-accidental injuries, including child protection legislation and reporting mechanisms.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5044
Paediatric Medicine and Surgery

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce(25%) **Mode of delivery:** Clinical experience

This course aims to give Trainees a broad understanding and knowledge of all aspects of paediatric disease and care and to understand the operation of hospitals and protocols. It covers the management of children in hospital, including surgical problems encountered in the child patient. It also covers all aspects of general paediatrics. This course encompasses attendance at Paediatric Grand Rounds at the Children's Hospital Westmead and the Diploma of Child Health. Trainees should gain a general knowledge of common paediatrics and develop a much better understanding of many aspects involved in the care of children. Trainees must learn to be proficient at and have a thorough knowledge of hospital protocols in relation to admitted and non-admitted patients, referral procedures and operation of theatres and outpatient clinics.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5045
Management of Children's Special Needs

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce(25%) **Mode of delivery:** Clinical experience

This important aspect of Paediatric Dentistry is covered in detail, with special reference to the inter-disciplinary nature of diagnosis and treatment of medically compromised and special needs children. Trainees must become proficient in the management of children with many conditions, including congenital cardiac disease, haematological disorders, immunodeficiencies, malignancies, endocrinopathies, respiratory diseases and neurological disease. They must also develop the knowledge and skills to provide high quality care to children with intellectual and physical disabilities.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT6013
Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data acquisition and analysis. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5046
Dental Anomalies and Genetics 2

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Prerequisites:** (DENT5039 and DENT5040) or (DENT6278 and DENT6279) **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

This course follows on from the unit dental anomalies and genetics 1. The aim of this course is to develop a deeper knowledge of medical syndromes, genetic disorders and craniofacial anomalies and their impact on general and craniofacial growth and development. Trainees will learn more about the interdisciplinary management of major craniofacial syndromes and clefts of the head and neck, including the appropriate timing of treatment and use of implant prostheses.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5047
Paediatric Oral Pathology and Medicine 2

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Prerequisites:** DENT5041 or DENT6279 **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

This course follows on from Paediatric Oral Pathology and Medicine 1. It aims to provide trainees with a deeper understanding of the relevant conditions and their management. In particular it will aim to provide greater knowledge of the associations of these conditions with general health and development and the long term dental and medical implications of these conditions.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT5048
Specialist Paediatric Practice

Credit points: 6 **Teacher/Coordinator:** Dr Neeta Prabhu **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva voce (25%) **Mode of delivery:** Clinical experience

This course aims to ensure that Trainees have the skills necessary to enter specialist practice in either the private or public sector. Trainees must develop an intimate understanding of the medico-legal aspects of paediatric dentistry, ethics and the maintenance of professional relationships with colleagues, the role of the specialist in the community and the availability of community services for children and families. Trainees must be proficient to write a referral to another health professional, a letter of reply to a referring clinician, write a medico-legal report and give an oral presentation to an audience. They should have knowledge of the specialist as an expert witness, paediatric forensic dentistry, design of a dental surgery and equipment needs, statutory regulations in relation to practice, financial aspects of Hospital or private practice, employment and staff management and information technology and computer usage.

Textbooks
Handbook of Pediatric Dentistry, Cameron and Widmer, 4th Edition

DENT6014
Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data analysis, treatise write-up and submission. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

(Clinical Dentistry) Periodontics

Doctor of Clinical Dentistry (Periodontics)

Graduate Diploma in Clinical Dentistry (Oral Biology)

Graduate Certificate in Clinical Dentistry (Oral Biology)

	Graduate Certificate in Clinical Dentistry (Oral Biology)	Graduate Diploma in Clinical Dentistry (Oral Biology)	Doctor of Clinical Dentistry (Periodontics)
Course code	EG004 or GCCLDOBI1000	EF004 or GNCLDOBI1000	EB004 or TCCLDPER1000
CRICOS code	N/A	064297D	064281A
Degree Abbreviation	GradCertClinDent(Oral Biology)	GradDipClinDent(Oral Biology)	DClinDent(Periodontics)
Credit points required to complete	24	48	144
Time to complete full-time			3 years

Overview

The course provides the opportunity to develop skills and acquire knowledge essential for specialisation in periodontics. The program is aimed at qualified dentists who wish to specialise in periodontics.

Course outcomes

The program prepares students for work in a specialist practice in periodontics or a specialist clinic in a hospital.

Further information

For further information about this program see the Faculty of Dentistry website at: http://sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is full-time. In order to fulfil the requirements for registration as a specialist in this field, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 UoS code and name	Credit points
DENT5401 Clinical Periodontics 1A	6
DENT5402 Introduction to Oral Implants 1A	6
DENT5403 Periodontology 1A	6
DENT6000 Research Methods in Dentistry	6

Semester 2 UoS code and name	Credit points
DENT5404 Clinical Periodontics 1B	6
DENT5405 Introduction to Oral Implants 1B	6
DENT5406 Periodontology 1B	6
DENT6010 Dental Research Studies 1	6

Academic Year 2

Semester 1 UoS code and name	Credit points
DENT5407 Clinical Periodontics 2A	6
DENT5408 Implant-related Surgery 2A	6
DENT5409 Periodontology 2A	6
DENT6011 Dental Research Studies 2	6

Semester 2 UoS code and name	Credit points
DENT5410 Clinical Periodontics 2B	6
DENT5411 Implant-related Surgery 2B	6
DENT5412 Periodontology 2B	6
DENT6012 Dental Research Studies 3	6

Academic Year 3

Semester 1 UoS code and name	Credit points
DENT5413 Clinical Periodontics 3A	6
DENT5414 Advanced Implant Management 3A	6
DENT5415 Periodontology 3A	6
DENT6013 Dental Research Studies 4	6

Semester 2 UoS code and name	Credit points
DENT5416 Clinical Periodontics 3B	6

Semester 2 UoS code and name	Credit points
DENT5417 Advanced Implant Management 3B	6
DENT5418 Periodontology 3B	6

Semester 2 UoS code and name	Credit points
DENT6014 Dental Research Studies 5	6

Table of units of study: Periodontics

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
DENT5401 **Clinical Periodontics 1A**	6	**C** DENT5402 and DENT5403	Semester 1
DENT5402 **Introduction to Oral Implants 1A**	6	**C** DENT5401 and DENT5403	Semester 1
DENT5403 **Periodontology 1A**	6	**C** DENT5401 and DENT5402	Semester 1
DENT6000 **Research Methods in Dentistry**	6		Semester 1
DENT5404 **Clinical Periodontics 1B**	6	**P** (DENT5401 and DENT5402 and DENT5403) or DENT6326 **C** DENT5405 and DENT5406	Semester 2
DENT5405 **Introduction to Oral Implants 1B**	6	**P** (DENT5401 and DENT5402 and DENT5403) or DENT6326 **C** DENT5404 and DENT5406	Semester 2
DENT5406 **Periodontology 1B**	6	**P** (DENT5401 and DENT5402 and DENT5403) or DENT6326 **C** DENT5404 and DENT5405	Semester 2
DENT6010 **Dental Research Studies 1**	6	**P** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382	Semester 2
Graduate Certificate exit students are required to successfully complete the first 4 units of study.			
Graduate Diploma exit students are required to successfully complete the first 8 units of study.			
Year 2			
DENT5407 **Clinical Periodontics 2A**	6	**P** (DENT5404 and DENT5405 and DENT5406) or DENT6327 **C** DENT5408 and DENT5409	Semester 1
DENT5408 **Implant-related Surgery 2A**	6	**P** (DENT5404 and DENT5405 and DENT5406) or DENT6327 **C** DENT5407 and DENT5409	Semester 1
DENT5409 **Periodontology 2A**	6	**P** (DENT5404 and DENT5405 and DENT5406) or DENT6327 **C** DENT5407 and DENT5408	Semester 1
DENT6011 **Dental Research Studies 2**	6	**P** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386	Semester 1
DENT5410 **Clinical Periodontics 2B**	6	**P** (DENT5407 and DENT5408 and DENT5409) or DENT6328 **C** DENT5411 and DENT5412	Semester 2
DENT5411 **Implant-related Surgery 2B**	6	**P** (DENT5407 and DENT5408 and DENT5409) or DENT6328 **C** DENT5410 and DENT5412	Semester 2
DENT5412 **Periodontology 2B**	6	**P** (DENT5407 and DENT5408 and DENT5409) or DENT6328 **C** DENT5410 and DENT5411	Semester 2
DENT6012 **Dental Research Studies 3**	6	**P** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393	Semester 2
Year 3			
DENT5413 **Clinical Periodontics 3A**	6	**P** (DENT5410 and DENT5411 and DENT5412) or DENT6329 **C** DENT5414 and DENT5415	Semester 1
DENT5414 **Advanced Implant Management 3A**	6	**P** (DENT5410 and DENT5411 and DENT5412) or DENT6329 **C** DENT5413 and DENT5415	Semester 1
DENT5415 **Periodontology 3A**	6	**P** (DENT5410 and DENT5411 and DENT5412) or DENT6329 **C** DENT5413 and DENT5414	Semester 1
DENT6013 **Dental Research Studies 4**	6	**P** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397	Semester 1
DENT5416 **Clinical Periodontics 3B**	6	**P** (DENT5413 and DENT5414 and DENT5415) or DENT6330 **C** DENT5417 and DENT5418	Semester 2
DENT5417 **Advanced Implant Management 3B**	6	**P** (DENT5413 and DENT5414 and DENT5415) or DENT6330 **C** DENT5416 and DENT5418	Semester 2
DENT5418 **Periodontology 3B**	6	**P** (DENT5413 and DENT5414 and DENT5415) or DENT6330 **C** DENT5416 and DENT5417	Semester 2
DENT6014 **Dental Research Studies 5**	6	**P** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411	Semester 2

Unit of study descriptions

Year 1

DENT5401
Clinical Periodontics 1A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** 4 to 6 x half day clinics weekly and 1 x 2 hr case presentations monthly **Corequisites:** DENT5402 and DENT5403 **Assessment:** Oral case presentations and written case reports (formative). End of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

Students undertake clinical care of patients at Sydney Dental Hospital and the Westmead Centre for Oral Health under supervision. Experience is gained in diagnosis, treatment planning and prognosis and in non-surgical and surgical periodontal therapy. Regular case presentations are utilised for students to present cases for discussion.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5402
Introduction to Oral Implants 1A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** Clinical work and small group seminars **Corequisites:** DENT5401 and DENT5403 **Assessment:** Clinical work, written assignment and an end of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

This is the foundation block for the training of dental implant related surgery. The course consists of an introductory study on the biological basis of osseointegration and bone repair and wound healing, the design of modern dental implants and the bio-mechanical principles of prosthetic construction on implant supports. Training in the practical sessions will familiarize the students with different implant systems, their technical characteristics and surgical tooling features. The clinical training will focus on the patient assessment process and protocol and the skill in developing a rational and appropriate treatment plan for the patient. Surgical placement of dental implants in non-complicated cases will be attempted during semester 2.

Textbooks
A recommended reading and textbook list is provided for this unit in class.

DENT5403
Periodontology 1A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** 15 x 1.5 hr seminars **Corequisites:** DENT5401 and DENT5402 **Assessment:** End of year examination (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course provides an evidence-based foundation in examination, diagnosis, classification, prognosis, treatment planning, staging of treatment and in non-surgical periodontal therapy. Didactic instruction in this course complements clinical activities. Regular journal clubs are held to critically evaluate current literature.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.). Recommended scientific papers for each seminar.

DENT6000
Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Online sessions: 1 x 3hr module and assignment/week x 10weeks **Assessment:** Final Assignment (50%) and weekly assignment (50%) **Practical field work:** Clinically based **Mode of delivery:** Normal (lecture/lab/tutorial) day

Research Methods in Dentistry is a postgraduate course designed to provide fundamental knowledge and skills in clinical research design and Evidence-Based Dentistry for students intending to undertake research at the Faculty of Dentistry.

All course material is provided through eLearning via the University of Sydney's website. A detailed series of notes and tutorial exercises are included in the study material. Students are required to complete one tutorial exercise/assignment each week and a final assignment at the end of the course.

Topics covered include introduction to Evidence-Based Dentistry, epidemiologic study design, basic biostatistics, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles which is an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. An introduction into conducting literature search, diagnostic test studies and systematic reviews is also provided.

Textbooks
Class notes and full-text journal articles are provided via the course website.

DENT5404
Clinical Periodontics 1B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** 4 to 6 x half day clinics weekly and 1 x 2 hr case presentations monthly **Prerequisites:** (DENT5401 and DENT5402 and DENT5403) or DENT6326 **Corequisites:** DENT5405 and DENT5406 **Assessment:** Oral case presentations and written case reports (formative). End of year examination. **Mode of delivery:** Normal (lecture/lab/tutorial) day

Students undertake clinical care of patients at Sydney Dental Hospital and the Westmead Centre for Oral Health, Westmead under supervision. Experience is gained in diagnosis, treatment planning and prognosis and in non-surgical and surgical periodontal therapy. Regular case presentations are utilised for students to present cases for discussion.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5405
Introduction to Oral Implants 1B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** Clinical work and small group seminars **Prerequisites:** (DENT5401 and DENT5402 and DENT5403) or DENT6326 **Corequisites:** DENT5404 and DENT5406 **Assessment:** Clinical work, written assignment and an end of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

This is the foundation block for the training of dental implant related surgery. The course consists of an introductory study on the biological basis of osseointegration and bone repair and wound healing, the design of modern dental implants and the bio-mechanical principles of prosthetic construction on implant supports. Training in the practical sessions will familiarize the students with different implant systems, their technical characteristics and surgical tooling features. The clinical training will focus on the patient assessment process and protocol and the skill in developing a rational and appropriate treatment plan for the patient. Surgical placement of dental implants in non-complicated cases will be attempted during semester 2.

Textbooks
A recommended reading and textbook list is provided for this unit in class.

DENT5406
Periodontology 1B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** 18x1.5 hr seminars **Prerequisites:** (DENT5401 and DENT5402 and DENT5403) or DENT6326 **Corequisites:** DENT5404 and DENT5405 **Assessment:** End of year examination (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course examines the microbiology and pathogenesis of periodontal disease. Particular emphasis is given to studying the biofilm structure of dental plaque and the presence of specific, periodontopathic micro-organisms within the supragingival and subgingival oral environments. The concepts of the host response and disease susceptibility are covered and the role of risk factors studied. This course also studies the roles of plaque control and supportive periodontal therapy in the clinical management of periodontal disease. Regular journal clubs are held to critically evaluate current literature.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.). Recommended scientific papers for each seminar.

DENT6010
Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 2hr research sessions. **Prerequisites:** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides the introduction to a research project, including the development of a research proposal and literature review. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Graduate Certificate exit students are required to successfully complete the first 4 units of study.Graduate Diploma exit students are required to successfully complete the first 8 units of study.

Year 2

DENT5407
Clinical Periodontics 2A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** 4 to 6 x half day clinics weekly and 1 x 2 hr case presentations monthly **Prerequisites:** (DENT5404 and DENT5405 and DENT5406) or DENT6327 **Corequisites:** DENT5408 and DENT5409 **Assessment:** Oral case presentations and written case reports (formative). End of year examination. **Mode of delivery:** Normal (lecture/lab/tutorial) day

Students undertake clinical care of patients at Sydney Dental Hospital and the Westmead Centre for Oral Health, Westmead under supervision. Experience is gained in diagnosis, treatment planning and prognosis and in non-surgical and surgical periodontal therapy. Regular case presentations are utilised for students to present cases for discussion.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5408
Implant-related Surgery 2A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** Clinical work and small group seminars **Prerequisites:** (DENT5404 and DENT5405 and DENT5406) or DENT6327 **Corequisites:** DENT5407 and DENT5409 **Assessment:** Clinical work, written assignment and an end of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course consists of intensive training in the surgical techniques of implant placement in routine and complex/compromised cases, and the surgical preparation of deficient implant sites. It also emphasizes on developing skill for the students in treatment planning complex reconstruction cases including the use of computerized tomography scanning and computer-assisted implant surgical planning. The clinical skill in the management of surgical complications will also be developed. Contemporary issues and controversies in implantology will be covered in a series of small group seminars.

Textbooks
A recommended reading and textbook list is provided for this unit in class.

DENT5409
Periodontology 2A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** 16 x 1.5 hr seminars, 2 x 3 hr simulation lab sessions **Prerequisites:** (DENT5404 and DENT5405 and DENT5406) or DENT6327 **Corequisites:** DENT5407 and DENT5408 **Assessment:** End of year examination (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course covers surgical periodontal therapy, the clinical management of multi-rooted teeth and endodontic-periodontal considerations in diagnosis, treatment planning and treatment. Wound healing, basic surgical principles, pre-operative evaluation, surgical techniques, soft and hard tissue management, suturing and post operative care are covered. The course also covers the role of host risk factors in susceptibility to periodontal disease and in treatment selection and outcomes. Regular journal clubs are held to critically evaluate current literature.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.). Recommended scientific papers for each seminar.

DENT6011
Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5410
Clinical Periodontics 2B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** 4 to 6 x half day clinics weekly and 1 x 2 hr case presentations monthly **Prerequisites:** (DENT5407 and DENT5408 and DENT5409) or DENT6328 **Corequisites:** DENT5411 and DENT5412 **Assessment:** Oral case presentations and written case reports (formative). End of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

Students undertake clinical care of patients at Sydney Dental Hospital and the Westmead Centre for Oral Health, Westmead under supervision. Experience is gained in diagnosis, treatment planning and prognosis and in non-surgical and surgical periodontal therapy. Regular case presentations are utilised for students to present cases for discussion.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5411
Implant-related Surgery 2B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** Clinical work and small group seminars **Prerequisites:** (DENT5407 and DENT5408 and DENT5409) or DENT6328 **Corequisites:** DENT5410 and DENT5412 **Assessment:** Clinical work, written assignment and an end of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course consists of intensive training in the surgical techniques of implant placement in routine and complex/compromised cases, and the surgical preparation of deficient implant sites. It also emphasizes on developing skill for the students in treatment planning complex reconstruction cases including the use of computerized tomography scanning and computer-assisted implant surgical planning. The clinical skill in the management of surgical complications will also be developed. Contemporary issues and controversies in implantology will be covered in a series of small group seminars.

Textbooks
A recommended reading and textbook list is provided for this unit in class.

DENT5412
Periodontology 2B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** 18 x 1.5 hr seminars **Prerequisites:** (DENT5407 and DENT5408 and DENT5409) or DENT6328 **Corequisites:** DENT5410 and DENT5411

Assessment: End of year examination (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course examines the basic biology of wound healing in relation to bone defect repair and bone regeneration. The diagnosis and classification of periodontal bone defects are covered and strategies for management of these defects are examined. The indications, contra-indications and outcomes of guided tissue regeneration, grafting materials and regeneration - enhancing materials are discussed and evaluated. The course also covers orthodontic-periodontal inter-relationships for diagnosis, treatment planning and therapy. Regular journal clubs are held to critically evaluate current literature.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.). Recommended scientific papers for each seminar.

DENT6012
Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Year 3

DENT5413
Clinical Periodontics 3A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** 4 to 6 x half day clinics weekly and 1 x 2 hr case presentations monthly **Prerequisites:** (DENT5410 and DENT5411 and DENT5412) or DENT6329 **Corequisites:** DENT5414 and DENT5415 **Assessment:** Oral case presentations and written case reports (formative). End of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

Students undertake clinical care of patients at Sydney Dental Hospital and the Westmead Centre for Oral Health, Westmead under supervision. Experience is gained in diagnosis, treatment planning and prognosis and in non-surgical and surgical periodontal therapy. Regular case presentations are utilised for students to present cases for discussion.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5414
Advanced Implant Management 3A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** Clinical work and small group seminars **Prerequisites:** (DENT5410 and DENT5411 and DENT5412) or DENT6329 **Corequisites:** DENT5413 and DENT5415 **Assessment:** Clinical work, written assignment and an end of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course consolidates the clinical learning of the students and focuses on the development of clinical maturity in the students. Using the expertise of other specialties it cultivates a multi-disciplinary approach in planning and managing complex and difficult cases. It encourages a risk-reduction approach in treatment planning and delivery as well as post-delivery maintenance care.

Textbooks
A recommended reading and textbook list is provided for this unit in class.

DENT5415
Periodontology 3A

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 1 **Classes:** 5 x 1.5 hr seminars **Prerequisites:** (DENT5410 and DENT5411 and DENT5412) or DENT6329 **Corequisites:** DENT5413 and DENT5414 **Assessment:** End of year examination (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course examines the aetiology, pathogenesis, diagnosis, management and clinical significance of muco-gingival defects. The role of attached gingiva in the health of the periodontium is discussed. Various surgical modalities for the management of gingival recession, frenal attachments and shallow vestibules are studied and their role evaluated in clinical scenarios. Regular journal clubs are held to critically evaluate current literature.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.). Recommended scientific papers for each seminar.

DENT6013
Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data acquisition and analysis. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5416
Clinical Periodontics 3B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** 4 to 6 x half day clinics weekly and 1 x 2 hr case presentations monthly **Prerequisites:** (DENT5413 and DENT5414 and DENT5415) or DENT6330 **Corequisites:** DENT5417 and DENT5418 **Assessment:** Oral case presentations and written case reports (formative). End of year examination. **Mode of delivery:** Normal (lecture/lab/tutorial) day

Students undertake clinical care of patients at Sydney Dental Hospital and the Westmead Centre for Oral Health, Westmead under supervision. Experience is gained in diagnosis, treatment planning and prognosis and in non-surgical and surgical periodontal therapy. Regular case presentations are utilised for students to present cases for discussion.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5417
Advanced Implant Management 3B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** Clinical work and small group seminars **Prerequisites:** (DENT5413 and DENT5414 and DENT5415) or DENT6330 **Corequisites:** DENT5416 and DENT5418 **Assessment:** Clinical work, written assignment and an end of year examination **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course consolidates the clinical learning of the students and focuses on the development of clinical maturity in the students. Using the expertise of other specialties it cultivates a multi-disciplinary approach in planning and managing complex and difficult cases. It encourages a risk-reduction approach in treatment planning and delivery as well as post-delivery maintenance care.

Textbooks
A recommended reading and textbook list is provided for this unit in class.

DENT5418
Periodontology 3B

Credit points: 6 **Teacher/Coordinator:** A/Prof. Axel Spahr **Session:** Semester 2 **Classes:** 10 x 1.5 hr seminars **Prerequisites:** (DENT5413 and DENT5414 and DENT5415) or DENT6330 **Corequisites:** DENT5416 and DENT5417 **Assessment:** End of year examination (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This course covers oral pathology and oral medicine as it relates to the specialty of periodontics. The course also examines ethics and professional responsibility, practice management and career planning as these relate to the specialty of periodontics. Regular journal clubs are held to critically evaluate current publications.

Textbooks
Lindhe, Karring and Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.). Recommended scientific papers for each seminar.

DENT6014
Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data analysis, treatise write-up and submission. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

(Clinical Dentistry) Prosthodontics

Doctor of Clinical Dentistry (Prosthodontics)

Graduate Diploma in Clinical Dentistry (Advanced Restorative)

Graduate Certificate in Clinical Dentistry (Advanced Restorative)

	Graduate Certificate in Clinical Dentistry (Advanced Restorative)	Graduate Diploma in Clinical Dentistry (Advanced Restorative)	Doctor of Clinical Dentistry (Prosthodontics)
Course code	EG009 or CCLDARE1000	EF013 or GNCLDARE1000	EB005 or TCCLDPRO1000
CRICOS code	053860F	053861E	064292J
Degree Abbreviation	GradCertClinDent(Advanced Restorative)	GradDipClinDent(Advanced Restorative)	DClinDent(Prosthodontics)
Credit points required to complete	24	48	144
Time to complete full-time	6 months	1 year	3 years

Overview

The course provides the opportunity to develop skills and acquire knowledge in advanced restorative dentistry and prosthodontics. The Graduate Certificate (Advanced Restorative) and Graduate Diploma (Advanced Restorative) are embedded within the Doctor of Clinical Dentistry (Prosthodontics).

Course outcomes

This course prepares candidates for work in a specialist practice in prosthodontics or a specialist clinic in a hospital.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is full-time. In order to fulfil the requirements for registration as a specialist in this field, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 UoS code and name	Credit points
DENT6371 Foundation: Fixed & Removable Pros	6
DENT6382 Foundation: Restorative Dentistry	6
DENT6385 Foundation: Orofacial Pain	6
DENT6000 Research Methods in Dentistry	6

Semester 2 UoS code and name	Credit points
DENT6372 Fixed & Removable Prosthodontics1	6
DENT6386 Restorative Dentistry 1	6
DENT6389 Orofacial Pain 1	6
DENT6010 Dental Research Studies 1	6

Academic Year 2

Semester 1 UoS code and name	Credit points
DENT6390 Advanced Clinical Prosthodontics 1A	6
DENT6391 Advanced Clinical Prosthodontics 1B	6
DENT6392 Advanced Clinical Prosthodontics 1C	6
DENT6011 Dental Research Studies 2	6

Semester 2 UoS code and name	Credit points
DENT6394 Advanced Clinical Prosthodontics 2A	6
DENT6395 Advanced Clinical Prosthodontics 2B	6
DENT6396 Advanced Clinical Prosthodontics 2C	6
DENT6012 Dental Research Studies 3	6

Academic Year 3

Semester 1 UoS code and name	Credit points
DENT6398 Advanced Clinical Prosthodontics 3A	6
DENT6399 Advanced Clinical Prosthodontics 3B	6
DENT6400 Advanced Clinical Prosthodontics 3C	6
DENT6013 Dental Research Studies 4	6

Semester 2 UoS code and name	Credit points
DENT6412 Advanced Clinical Prosthodontics 4A	6

Semester 2 UoS code and name	Credit points
DENT6413 Advanced Clinical Prosthodontics 4B	6
DENT6414 Advanced Clinical Prosthodontics 4C	6

Semester 2 UoS code and name	Credit points
DENT6014 Dental Research Studies 5	6

Table of units of study: Prosthodontics

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Units of study			
DENT6371 **Foundation: Fixed and Removable Pros**	6		Semester 1
DENT6382 **Foundation: Restorative Dentistry**	6		Semester 1
DENT6385 **Foundation: Orofacial Pain**	6		Semester 1
DENT6000 **Research Methods in Dentistry**	6		Semester 1
DENT6372 **Fixed and Removable Prosthodontics 1**	6	**P** DENT6371	Semester 2
DENT6386 **Restorative Dentistry 1**	6	**P** DENT6382	Semester 2
DENT6389 **Orofacial Pain 1**	6	**P** DENT6385	Semester 2
DENT6010 **Dental Research Studies 1**	6	**P** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382	Semester 2
DENT6390 **Advanced Clinical Prosthodontics 1A**	6	**P** DENT6387 or DENT6372	Semester 1
DENT6391 **Advanced Clinical Prosthodontics 1B**	6	**P** DENT6388 or DENT6372	Semester 1
DENT6392 **Advanced Clinical Prosthodontics 1C**	6	**P** DENT6389	Semester 1
DENT6011 **Dental Research Studies 2**	6	**P** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386	Semester 1
DENT6394 **Advanced Clinical Prosthodontics 2A**	6	**P** DENT6390	Semester 2
DENT6395 **Advanced Clinical Prosthodontics 2B**	6	**P** DENT6391	Semester 2
DENT6396 **Advanced Clinical Prosthodontics 2C**	6	**P** DENT6392	Semester 2
DENT6012 **Dental Research Studies 3**	6	**P** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393	Semester 2
DENT6398 **Advanced Clinical Prosthodontics 3A**	6	**P** DENT6394	Semester 1
DENT6399 **Advanced Clinical Prosthodontics 3B**	6	**P** DENT6395	Semester 1
DENT6400 **Advanced Clinical Prosthodontics 3C**	6	**P** DENT6396	Semester 1
DENT6013 **Dental Research Studies 4**	6	**P** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397	Semester 1
DENT6412 **Advanced Clinical Prosthodontics 4A**	6	**P** DENT6398	Semester 2
DENT6413 **Advanced Clinical Prosthodontics 4B**	6	**P** DENT6399	Semester 2
DENT6414 **Advanced Clinical Prosthodontics 4C**	6	**P** DENT6400	Semester 2
DENT6014 **Dental Research Studies 5**	6	**P** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411	Semester 2
Graduate Certificate students only take the first four Units of Study.			
Graduate Diploma students only take the first eight Units of Study.			

Unit of study descriptions

Units of study

DENT6371
Foundation: Fixed and Removable Pros

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** 1x10day block (9am - 5pm), clinical work, small group seminars, self-directed study **Assessment:** clinical work (40%), written assignments and literature reviews (40%) and clinical mentor feedback (20%) **Mode of delivery:** Block mode

This unit provides an overview for students at the postgraduate level of clinical procedural and evidence-based information on fixed and removable prosthodontics.

Textbooks
A recommended reading and text book list is provided for this class.

DENT6382
Foundation: Restorative Dentistry

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides an overview at the postgraduate level in restorative dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6385
Foundation: Orofacial Pain

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides an overview at the postgraduate level in orofacial pain.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6000
Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Online sessions: 1 x 3hr module and assignment/week x 10weeks **Assessment:** Final Assignment (50%) and weekly assignment (50%) **Practical field work:** Clinically based **Mode of delivery:** Normal (lecture/lab/tutorial) day

Research Methods in Dentistry is a postgraduate course designed to provide fundamental knowledge and skills in clinical research design and Evidence-Based Dentistry for students intending to undertake research at the Faculty of Dentistry.

All course material is provided through eLearning via the University of Sydney's website. A detailed series of notes and tutorial exercises are included in the study material. Students are required to complete one tutorial exercise/assignment each week and a final assignment at the end of the course.

Topics covered include introduction to Evidence-Based Dentistry, epidemiologic study design, basic biostatistics, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles which is an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. An introduction into conducting literature search, diagnostic test studies and systematic reviews is also provided.

Textbooks
Class notes and full-text journal articles are provided via the course website.

DENT6372
Fixed and Removable Prosthodontics 1

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** 1x5 day block (9am - 5pm), clinical work, small group seminars, treatment planning sessions **Prerequisites:** DENT6371 **Assessment:** clinical work (50%), written assignments (20%), and clinical mentor feedback (30%) **Mode of delivery:** Block mode

This unit provides for students at the postgraduate level details of clinical decision-making and evidence-based information on fixed and removable prosthodontics.

Textbooks
A recommended reading and text book list is provided for this class.

DENT6386
Restorative Dentistry 1

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6382 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides further training at the postgraduate level in restorative dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6389
Orofacial Pain 1

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6385 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides further training at the postgraduate level in orofacial pain.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6010
Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 2hr research sessions. **Prerequisites:** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides the introduction to a research project, including the development of a research proposal and literature review. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT6390
Advanced Clinical Prosthodontics 1A

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6387 or DENT6372 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides advanced training at the postgraduate level in clinical prosthodontics.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6391
Advanced Clinical Prosthodontics 1B

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6388 or DENT6372 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in clinical prosthodontics.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6392
Advanced Clinical Prosthodontics 1C

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6389 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in clinical prosthodontics.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6011
Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT6394
Advanced Clinical Prosthodontics 2A

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6390 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6395
Advanced Clinical Prosthodontics 2B

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6391 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6396
Advanced Clinical Prosthodontics 2C

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6392 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6012
Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT6398
Advanced Clinical Prosthodontics 3A

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6394 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6399
Advanced Clinical Prosthodontics 3B

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6395 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6400
Advanced Clinical Prosthodontics 3C

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6396 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6013
Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data acquisition and analysis. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT6412
Advanced Clinical Prosthodontics 4A

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6398 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6413
Advanced Clinical Prosthodontics 4B

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6399 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6414
Advanced Clinical Prosthodontics 4C

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical work and small group seminars **Prerequisites:** DENT6400 **Assessment:** clinical work and written assignments (100%) **Mode of delivery:** Clinical experience

This unit provides further advanced level training at the postgraduate level in prosthetic dentistry.

Textbooks
A recommended reading and text book list is provided for this unit in class.

DENT6014
Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data analysis, treatise write-up and submission. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Graduate Certificate students only take the first four Units of Study.Graduate Diploma students only take the first eight Units of Study.

(Clinical Dentistry) Special Needs Dentistry

Doctor of Clinical Dentistry (Special Needs Dentistry)

Graduate Diploma in Clinical Dentistry (Hospital Dentistry)

Graduate Certificate in Clinical Dentistry (Hospital Dentistry)

	Graduate Certificate in Clinical Dentistry (Hospital Dentistry)	Graduate Diploma in Clinical Dentistry (Hospital Dentistry)	Doctor of Clinical Dentistry (Special Needs Dentistry)
Course code	EG003 or GCCLDHOD1000	EF008 or GNCLDHOD1000	EB006 or TCCLDSCD1000
CRICOS code	064373G	064296E	064294G
Degree Abbreviation	GradCertClinDent(Hospital Dentistry)	GradDipClinDent(Hospital Dentistry)	DClinDent(Special Care Dentistry)
Credit points required to complete	24	48	144
Time to complete full-time			3 years

Overview

This course provides advanced didactic, clinical and research training designed to prepare the candidate for a career at the specialist level in Special Needs Dentistry.

Course outcomes

To prepare candidates for a career at the specialist level in Special Needs Dentistry, and to provide a basis to pursue a career pathway in research and/or clinical academic positions.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Pattern of enrolment

Enrolment is full-time. In order to fulfil the requirements for registration as a specialist in this field, all units of study must be taken in the following sequence. All units of study are compulsory unless otherwise noted.

Academic Year 1

Semester 1 UoS code and name	Credit points
DENT5200 Applied Oral Biology	6
GSDD5001 Critical Issues Developmental Disability	6
DENT 5241 Medicine and Dentistry 1A	6
DENT6000 Research Methods in Dentistry	6

Semester 2 UoS code and name	Credit points
DENT5243 Prevention in Special Needs Dentistry	6
GSDD5200 Disability Theory	6
DENT5242 Medicine and Dentistry 1B	6
DENT6010 Dental Research Studies 1	6

Academic Year 2

Semester 1 UoS code and name	Credit points
DENT5230 Behaviour and Dental Management 3	6
DENT5231 Growth, Development and Aging 1	6
DENT5232 Restorative Dentistry 1	6

Semester 1 UoS code and name	Credit points
DENT6011 Dental Research Studies 2	6

Semester 2 UoS code and name	Credit points
DENT5233 Behaviour and Dental Management 2	6
DENT5234 Growth, Development and Aging 2	6
DENT5235 Restorative Dentistry 2	6
DENT6012 Dental Research Studies 3	6

Academic Year 3

Semester 1 UoS code and name	Credit points
DENT5236 Behaviour and Dental Management 3	6
DENT5237 Growth, Development and Aging 3	6
DENT5238 Oral Rehabilitation	6
DENT6013 Dental Research Studies 4	6

Semester 2 UoS code and name	Credit points
DENT5239 Behaviour and Dental Management 4	6
DENT5240 Growth, Development and Aging 4	6
DENT5244 Specialiat Practice in Special Needs Dentistry	6
DENT6014 Dental Research Studies 5	6

Table of units of study: Special Needs Dentistry

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
DENT5200 **Applied Oral Biology**	6	**C** DENT6000 and DENT5201 and DENT5202	Semester 1
GSDD5001 **Critical Issues-Developmental Disability**	6		Semester 1
DENT5241 **Medicine and Dentistry 1A**	6		Semester 1
DENT6000 **Research Methods in Dentistry**	6		Semester 1
DENT5243 **Prevention in Special Needs Dentistry**	6	**P** DENT5200; GSDD5001, DENT5241	Semester 2
GSDD5200 **Disability Theory**	6	*This unit is offered as an elective to students enrolled prior to 2013. For commencing students in 2013 onwards it is a core equirement.*	Semester 2
DENT5242 **Medicine and Dentistry 2A**	6	**P** DENT5241	Semester 2
DENT6010 **Dental Research Studies 1**	6	**P** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382	Semester 2
Graduate Certificate students are required to successfully complete the first 4 units of study. Graduate Diploma students are required to successfully complete the first 8 units of study.			
Year 2			
DENT5230 **Behaviour and Dental Management 3**	6		Semester 1
DENT5231 **Growth, Development and Aging 1**	6	**C** DENT5230	Semester 1
DENT5232 **Restorative Dentistry 1**	6		Semester 1

Unit of study	Credit points	A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition	Session
DENT6011 **Dental Research Studies 2**	6	**P** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386	Semester 1
DENT5233 **Behaviour and Dental Management 2**	6	**P** DENT5230	Semester 2
DENT5234 **Growth, Development and Aging 2**	6	**P** DENT5231	Semester 2
DENT5235 **Restorative Dentistry 2**	6	**P** DENT5232	Semester 2
DENT6012 **Dental Research Studies 3**	6	**P** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393	Semester 2
Year 3			
DENT5236 **Behaviour and Dental Management 3**	6	**P** DENT5230 and DENT5233	Semester 1
DENT5237 **Growth, Development and Aging 3**	6	**P** DENT5234	Semester 1
DENT5238 **Oral Rehabilitation**	6	**P** DENT5235	Semester 1
DENT6013 **Dental Research Studies 4**	6	**P** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397	Semester 1
DENT5239 **Behaviour and Dental Management 4**	6	**P** DENT5236	Semester 2
DENT5240 **Growth, Development and Aging 4**	6	**P** DENT5237	Semester 2
DENT5244 **Specialist Practice in Special Needs**	6	**P** DENT5236; DENT5237; DENT5238	Semester 2
DENT6014 **Dental Research Studies 5**	6	**P** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411	Semester 2

Unit of study descriptions

Year 1

DENT5200
Applied Oral Biology

Credit points: 6 **Teacher/Coordinator:** Associate Professor Hans Zoellner, Associate Professor Hedley Coleman **Session:** Semester 1 **Classes:** independent study x 4 hrs, seminar presentation x 3 hrs, journal club presentation x 2 hrs (per week) **Corequisites:** DENT6000 and DENT5201 and DENT5202 **Assessment:** ongoing assessment of participation and contribution in journal club and seminar presentations (100%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Basic oral/dental histology and biology will be covered. Topics include embryology including tooth development, histology of oral mucosa, salivary glands and bone.

Textbooks

Oral Histology, Ten Cate

GSDD5001
Critical Issues-Developmental Disability

Credit points: 6 **Teacher/Coordinator:** Prof Roger Stancliffe **Session:** Semester 1 **Classes:** Online: no on-campus attendance required **Assessment:** participation in online discussion groups (20%), assignment 1 (30%), assignment 2 - case study and analysis (50%) **Mode of delivery:** Online

As potential leaders in the field of developmental disability, students undertaking this unit will develop a framework for considering the major concepts in the field from a variety of viewpoints. This unit forms a conceptual underpinning for the Developmental Disability course and introduces students to basic concepts such as language and disability, and models of intervention. The unit takes a life-span approach and deals with topics from birth and diagnosis to end of life, with a focus on key transitions at different life stages. Also covered are historical developments, biopsychosocial aspects, family issues, and legal issues such as guardianship.

Textbooks

Grant, G., Ramcharan, P., Flynn, M. and Richardson, M. (Eds.) (2010). Learning disability: A life cycle approach (2nd ed.). Maidenhead, England: McGraw Hill/Open University Press.

DENT5241
Medicine and Dentistry 1A

Credit points: 6 **Teacher/Coordinator:** Dr Avanti Karve **Session:** Semester 1 **Classes:** lectures; tutorials; self directed learning; rostered clinical practice **Assessment:** continuous assessment (50%), continuous participation didactic (5%); Viva Voce (10%) (assessments continued in Semester 2) **Practical field work:** Clinical Experience **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study provides students with learning and experience in dental management of the medically complex patient, which is integral to the practice of Special Needs Dentistry. This Unit of Study explores the principles of internal and general medicine with a specific focus on the oral and dental manifestations of systemic disease and implications of these on dental management. An understanding of medicine as it relates to the practice of clinical Special Needs Dentistry is acquired via didactic teaching and by clinical rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Developmental Disability, Brain Injury and Geriatric Medicine. Candidates also attend the Medical Grand Rounds at Westmead Hospital.

Textbooks

Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012; Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012, Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6000
Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Online sessions: 1 x 3hr module and assignment/week x 10weeks **Assessment:** Final Assignment (50%) and weekly assignment (50%) **Practical field work:** Clinically based **Mode of delivery:** Normal (lecture/lab/tutorial) day

Research Methods in Dentistry is a postgraduate course designed to provide fundamental knowledge and skills in clinical research design and Evidence-Based Dentistry for students intending to undertake research at the Faculty of Dentistry.

All course material is provided through eLearning via the University of Sydney's website. A detailed series of notes and tutorial exercises

are included in the study material. Students are required to complete one tutorial exercise/assignment each week and a final assignment at the end of the course.

Topics covered include introduction to Evidence-Based Dentistry, epidemiologic study design, basic biostatistics, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles which is an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. An introduction into conducting literature search, diagnostic test studies and systematic reviews is also provided.

Textbooks
Class notes and full-text journal articles are provided via the course website.

DENT5243
Prevention in Special Needs Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Avanti Karve **Session:** Semester 2 **Classes:** clinical and practical sessions; lectures; didactic learning; self-directed learning **Prerequisites:** DENT5200; GSDD5001, DENT5241 **Assessment:** 1 x continous didactic participation (20%); mid semester assignment (10%); end of semester assignment (50%); clinical viva voce (10%); general viva voce (10%) **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study provides the students with an opportunity to expand their understanding of Preventive Dentistry beyond prevention in common dental settings, towards effective preventive strategies in more challenging clinical settings, only infrequently encountered in general dental practice, but of frequent occurrence in Special Needs Dentistry. In particular, students are to develop an improved understand of the epidemiology, aetiology, pathogenesis, and preventive management strategies for dental disease, including caries, periodontal disease and oral cancer, appropriate to specialist clinical practice in Special Needs Dentistry.

Textbooks
Comprehensive Preventive Dentistry. H Limeback. D28 Edition, Iowa State University Press, 2012; Prevention of Oral Disease, JJ Murray, JH Nunn, JG Steele. 4th Edition, Oxford University Press, 2003; Special Care In Dentistry. Handbook Of Oral Health. 1st Edition. C Skully, PD Dies, N Kumar. Churhill Livingston. 2006

GSDD5200
Disability Theory

Credit points: 6 **Teacher/Coordinator:** Prof Gwynnyth Llewellyn **Session:** Semester 2 **Classes:** Web based, no on campus attendance required **Assessment:** Participation in online discussion groups (20%), 2000wd essay (30%) and 3000wd essay (50%) **Mode of delivery:** Online

Note: This unit is offered as an elective to students enrolled prior to 2013. For commencing students in 2013 onwards it is a core equirement.

Students will examine a range of historical and contemporary theoretical views of disability, and the way that these views inform personal and societal responses to disability. Perspectives covered will include (but not be limited to) the human rights approach; biopsychosocial perspectives including the International Classification of Functioning, Disability and Health (ICF); the social model of disability, and cultural perspectives. Students will examine international developments such as the UN Convention on the Rights of People with Disabilities (2006), the World Report on Disability (World Bank and WHO, 2011) and the WHO Global Action Plan on Disability 2014-2020. Australian disability legislation and policies will be critiqued to identify the theoretical approaches, values and power relations underpinning these initiatives.

DENT5242
Medicine and Dentistry 2A

Credit points: 6 **Teacher/Coordinator:** Dr Avanti Karve **Session:** Semester 2 **Classes:** lectures; clinical practice; tutorials; self-directed learning **Prerequisites:** DENT5241 **Assessment:** 1 x 3hr written examination (15%); Clinical Viva Voce (10%); General Viva Voce (10%) **Practical field work:** Rostered Clincial practice **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study provides students with learning and experience in dental management of the medically complex patient, which is integral to the practice of Special Needs Dentistry. This Unit of Study explores the principles of internal and general medicine with a specific focus on the oral and dental manifestations of systemic disease and implications of these on dental management. An understanding of medicine as it relates to the practice of clinical Special Needs Dentistry is acquired via didactic teaching and by clinical rotation through various medical specialty clinics including: Head and Neck Radiation Oncology, Haematology (with emphasis on the care of patients undergoing haematopoietic stem cell transplants), Developmental Disability, Brain Injury and Geriatric Medicine. Candidates also attend the Medical Grand Rounds at Westmead Hospital.

Textbooks
Robins Basic Pathology, Kumar V, Abbas AK, Aster J, 9th Edition, 2012 Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan, 6th Edition, 2011; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012; Harrison's Principles of Internal Medicine, Kasper DL, Fauci AS, Longo DL, Hauser SL, Jameson JL, Loscalzo J, 18th Edn, 2011

DENT6010
Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 2hr research sessions. **Prerequisites:** DENT6000 or DENT6126 or DENT6226 or DENT6276 or DENT6326 or DENT6382 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides the introduction to a research project, including the development of a research proposal and literature review. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Graduate Certificate students are required to successfully complete the first 4 units of study.Graduate Diploma students are required to successfully complete the first 8 units of study.

Year 2

DENT5230
Behaviour and Dental Management 3

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter **Session:** Semester 1 **Classes:** clinical prac 20 hr/wk, 1x3hr tut, 5x1hr lect **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course gives students knowledge and skill in the management of medically compromised patients and covers this important aspect of dentistry in detail, with special reference to the multi-disciplinary nature of diagnosis and treatment of medically compromised patients. It covers the implications for dental treatment in patients ranging from the child to the geriatric patient with cardiac, respiratory, neurological, oncological and other special needs.

DENT5231
Growth, Development and Aging 1

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter, A/Prof Angus Cameron **Session:** Semester 1 **Classes:** clinical prac 20 hr/wk, 1x3hr tut, 5x1hr lect **Corequisites:** DENT5230 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course covers general growth and development from conception through infancy and childhood to adolescence/adulthood with special reference to the orofacial complex. An understanding of the basic processes of normal growth and development and how perturbations result in abnormalities will be achieved.

DENT5232
Restorative Dentistry 1

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter and Dr Christine Wallace **Session:** Semester 1 **Classes:** clinical prac 25.5 hr/wk **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course ensures that students have an evidenced-based approach to clinical dentistry and are expert in the delivery of clinical care. It will be the foundation of clinical practice in this discipline and covers all the clinical aspects of prevention, repair and maintenance of the primary and permanent dentition in children, adolescents and adults. The importance of sound diagnostic criteria leading to the creation of rational treatment plans is emphasised. The candidate should develop a sound understanding of differing treatment philosophies, materials and techniques. The importance of flexibility in treatment techniques to coincide with the advances in dental materials is stressed.

DENT6011
Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6010 or DENT6127 or DENT6227 or DENT6277 or DENT6327 or DENT6386 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5233
Behaviour and Dental Management 2

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter **Session:** Semester 2 **Classes:** clinical prac 20 hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5230 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course gives students knowledge and skill in the management of medically compromised patients and covers this important aspect of dentistry in detail, with special reference to the multi-disciplinary nature of diagnosis and treatment of medically compromised patients. It covers the implications for dental treatment in patients ranging from the child to the geriatric patient with cardiac, respiratory, neurological, oncological and other special needs.

DENT5234
Growth, Development and Aging 2

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter, A/Prof Angus Cameron **Session:** Semester 2 **Classes:** clinical prac 20 hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5231 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course covers general growth and development from conception through infancy and childhood to adolescence/adulthood with special reference to the orofacial complex. An understanding of the basic processes of normal growth and development and how perturbations result in abnormalities will be achieved.

DENT5235
Restorative Dentistry 2

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter and Dr Christine Wallace **Session:** Semester 2 **Classes:** clinical prac 25.5 hr/wk **Prerequisites:** DENT5232 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course ensures that students have an evidenced-based approach to clinical dentistry and are expert in the delivery of clinical care. It will be the foundation of clinical practice in this discipline and covers all the clinical aspects of prevention, repair and maintenance of the primary and permanent dentition in children, adolescents and adults. The importance of sound diagnostic criteria leading to the creation of rational treatment plans is emphasised. The candidate should develop a sound understanding of differing treatment philosophies, materials and techniques. The importance of flexibility in treatment techniques to coincide with the advances in dental materials is stressed.

DENT6012
Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6011 or DENT6128 or DENT6228 or DENT6278 or DENT6328 or DENT6393 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Year 3

DENT5236
Behaviour and Dental Management 3

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter **Session:** Semester 1 **Classes:** clinical prac 20hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5230 and DENT5233 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course teaches students intermediate knowledge and skills in the management of medically compromised patients and covers this important aspect of dentistry in detail, with special reference to the multi-disciplinary nature of diagnosis and treatment of medically compromised patients. It covers the implications for dental treatment in patients ranging from the child to the geriatric patient with cardiac, respiratory, neurological, oncological and other special needs.

DENT5237
Growth, Development and Aging 3

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter, Associate Professor Angus Cameron **Session:** Semester 1 **Classes:** clinical prac 20hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5234 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course covers general growth and development from conception through infancy and childhood to adolescence/adulthood with special reference to the orofacial complex. An intermediate understanding of the basic processes of normal growth and development and how perturbations result in abnormalities will be achieved.

DENT5238
Oral Rehabilitation

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter and Dr Christine Wallace **Session:** Semester 1 **Classes:** clinical prac 25.5hr/wk **Prerequisites:** DENT5235 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course teaches students to have an evidenced-based approach to clinical dentistry. It is the foundation of clinical practice in this discipline and covers all clinical aspects of prevention, repair and maintenance of the primary and permanent dentition in children, adolescents and adults. The importance of sound diagnostic criteria leading to the creation of rational treatment plans is emphasised. The candidate should develop a sound understanding of differing treatment

philosophies, materials and techniques. The importance of flexibility in treatment techniques to coincide with the advances in dental materials is stressed.

DENT6013
Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 1 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6012 or DENT6129 or DENT6229 or DENT6279 or DENT6329 or DENT6397 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data acquisition and analysis. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

DENT5239
Behaviour and Dental Management 4

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter **Session:** Semester 2 **Classes:** clinical prac 20hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5236 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course teaches students advanced knowledge and skill in the management of medically compromised patients and covers this important aspect of dentistry in detail, with special reference to the multi-disciplinary nature of diagnosis and treatment of medically compromised patients. It covers the implications for dental treatment in patients ranging from the child to the geriatric patient with cardiac, respiratory, neurological, oncological and other special needs.

DENT5240
Growth, Development and Aging 4

Credit points: 6 **Teacher/Coordinator:** Associate Professor Mark Schifter, Associate Professor Angus Cameron **Session:** Semester 2 **Classes:** clinical prac 20hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5237 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Mode of delivery:** Clinical experience

This course covers general growth and development from conception through infancy and childhood to adolescence/adulthood with special reference to the orofacial complex. An advanced understanding of the basic processes of normal growth and development and how perturbations result in abnormalities will be achieved.

DENT5244
Specialist Practice in Special Needs

Credit points: 6 **Teacher/Coordinator:** Dr Avanti Karve **Session:** Semester 2 **Classes:** self directed learning; rostered clinical practice. **Prerequisites:** DENT5236; DENT5237; DENT5238 **Assessment:** 1 x ca (30%); 1 x continous didactic participation (10%); 1 x written assignment (60%) **Practical field work:** Rostered Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study provides the students with an opportunity to amalgamate the clinical and theoretical knowledge accumulated over the period of post-graduate study and review their roles and responsibilities as a registered Specialist in Special Needs Dentistry. The unit explores the integrated specialist scope of practice, models of patient care and the role of advocacy that a Specialist in Special Needs Dentistry plays in the profession and the community

Textbooks

Special Care In Dentistry. Handbook Of Oral Health. 1st Edition. C Skully, PD Dies, N Kumar. Churhill Livingston. 2006; Special Care Dentistry For The Differently Abled. 1st Edition. R Amit, MC Mohan, N Ruchi. LAP Lambert Academic Publishing. 2013; Skully's Medical Problems in Dentistry, Scully C, 7th Edition, 2014; Little and Falace's Dental Management of the Medically Compromised Patient, Little JW, , CS Miller, 8th Edition, 2012

DENT6014
Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** A/Prof Ky-Anh Nguyen **Session:** Semester 2 **Classes:** Weekly attendance in research seminars (70% attendance required) and 6hr research sessions. **Prerequisites:** DENT6013 or DENT6130 or DENT6230 or DENT6280 or DENT6330 or DENT6411 **Assessment:** Candidates will be required to submit a treatise or written work in the form of a paper dealing with research on a specific topic. It should be the equivalent of one paper which would be acceptable for publication in a peer reviewed scientific, academic or professional journal. In keeping with Academic Board policy there is an option to submit published work based on research undertaken while enrolled for this degree. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides continuation of a research project, including data analysis, treatise write-up and submission. The treatise is a formal piece of writing relevant to the subject area of the masters degree. Candidates will work on a specified research project under appropriate supervision. At least one of the project supervisors must be an academic staff member of the University. The treatise or written work is in 5 parts all of which will be completed in a minimum of three years of full time study.

Dental Medicine

Doctor of Dental Medicine

	Doctor of Dental Medicine
Course code	EC082 or MADNTLMD1000
CRICOS code	074120B
Degree Abbreviation	DMD
Credit points required to complete	192
Time to complete full-time	4 years

Overview

The Doctor of Dental Medicine (DMD) is a professional postgraduate coursework degree, set at the master's degree level because it accepts only graduates and uses postgraduate learning and teaching principles and methods. It is the initial professional entry degree to register as a dentist. The DMD fits within the Australian Qualifications Framework (AQF) specifications for the Masters Degree (Extended). The DMD is distinct from the Doctor of Clinical Dentistry (DClinDent) which is the specialist degree following on from the first professional degree.

The duration of the course is four years and requires successful completion of a prerequisite Biology Unit of Study, equivalent to the University of Sydney BIOL1001. The DMD is open to applicants who have completed a bachelor's degree in any discipline from an accredited university, including some international institutions. Graduates of the DMD program will be fully qualified to practise dentistry upon completion of the degree, as well as being eligible to sit for the Dental Examining Board of Canada (DEB) examination to practise as a dentist (in Canada).

Please note there is no provision to transfer to the DMD from a dentistry degree conducted at another university as candidates are required to have a completed an undergraduate degree to be eligible to apply for the DMD. The faculty does not conduct bridging courses for international dental graduates. If you wish to apply for the DMD, you are required to complete the full four year program. There are no credits granted for previous study.

Applicants include local and international students who have demonstrated academic excellence, adhere to the highest levels of professionalism and are keen to develop leadership capacity.

Course outcomes

In recent years, the roles of the dental health care provider have changed considerably. Effective preventive measures, rapid advances in biomedical and genetic research and the development of new dental technologies and materials are just some of the factors that have altered the scope and challenges of modern dentistry. The aging of the population has led to an increase in chronic and multi-system illness and an associated increase in complex pharmacological management. There is also an increasing expectation that all health care providers adopt an evidence-based approach, ensuring that their patients receive the most effective treatment available.

The Doctor of Dental Medicine (DMD) recognises these professional needs in the design and content of the DMD and also recognises academic maturity and graduate capacities that students with a previous bachelor's degree possess so that these qualities may be built upon to:

- instil a passion for lifelong learning through a critical approach to learning and professional judgment, as well as building capacity for self-evaluation
- in addition to professional and ethical stances, enhance a social conscience and a sense of social responsibility and cultural competence
- gain, qualitatively and quantitatively, significant patient-based experience
- support research-informed decisions through critique of available information and defend their treatment decisions as the most appropriate under the unique circumstances as presented by individual patients
- equip students with the confidence to accept supervised clinical responsibilities away from the parent institution
- develop leadership skills which distinguish University of Sydney graduates and contribute to the dental profession, academia and public health service as ambassadors, community educators and promoters of heath at community level.

Features of the program

The Doctor of Dental Medicine is based on a full recognition of the greater level of academic maturity and higher level analytical, clinical and communication skills of postgraduate students. This allows for higher order learning with a greater emphasis on independent, self-directed learning. Consequently it is expected that students will achieve a quantitatively and qualitatively greater clinical ie patient based experience.

Important features of the DMD include:

- focusing on the relevance of medical sciences to oral health and to dental practice
- earlier patient-based clinical experience and increased clinical experience to be obtained in clinics in metropolitan, rural and remote areas
- science-based pre-requisite coursework
- utilising contemporary teaching and learning methods aligned to a course at a master's degree level, with emphasis on electronic resources and learner–centred studies to provide the foundation material/knowledge, supported by tutorials to facilitate understanding and reflection
- development of graduates who consistently display higher-order cognitive skills to synthesise, integrate and translate research and knowledge to communication and clinical skills, and practise dentistry at the highest professional and ethical level
- a defined research component as foundation to an evidence-based approach to professional practise, clearly distinguishing the education from a skills-based approach. Furthermore this will prepare students for higher degree research studies and possible careers in research and/or academia
- the development of leadership skills which distinguish the Sydney graduates and their contribution to the dental profession, academia and public health services
- exposure, either in person or through mentoring, to international oral health activities.

Dental Medicine

Further information

1. Information about the structure of the course
2. Units of study making up the course
3. Discipline areas covered by the units of study

1. Information about the structure of the course

Year 1

During the first year of the Doctor of Dental Medicine (DMD) program, considerable focus is given to Integrated Life Sciences. The case-based tutorial component requires students to listen to online biomedical lectures and attend lectures which focus on dentally relevant medical learning and scenarios. Oral bioscience is presented on the Camperdown campus and this includes a Head and Neck anatomy course. Select dentistry-focused learning is provided at the Surry Hills and Westmead campuses. Underpinning Life and Biomedical Sciences knowledge provides a sound base from which students can build further knowledge as their level of sophistication and clinical experience grows. Additionally, time each week is devoted specifically to learning dental skills in a simulated learning environment, predominantly at the Sydney Dental Hospital, including some sessions at the faculty's other simulation facility at Westmead Hospital. Students learn and practise dental skills and techniques progressively in preparation for patient based clinical training by the middle of the second year. Concurrently, students learn skills to enable them to communicate effectively with patients and colleagues; perform oral hygiene and preventive oral health procedures and promote oral health. Students are also introduced to research. At the commencement of Year 1, students will be introduced to Information Technology and Research Methodology which will equip them to critically review dental literature. This inquiring approach underpins all learning during the entire course.

Year 2

As the students acquire pre-clinical and clinical skills, they will develop personally and professionally, to meet the high standards required to emerge as leaders in the profession. In Year 2, Integrated Life Science teaching continues and students commence the year with a course in Local Anaesthesia. Simulated learning in restorative and endodontic procedures continues, preparing students for patient-based clinical training from the second semester onwards. Students also rotate between the Sydney Dental Hospital and the Westmead Centre for Oral Health situated at Westmead Hospital.

Year 3

While students are now well prepared to enter the intensive clinical environments of the remainder of the course, simulated learning continues, alongside patient-based training, and by the end of Year 3, students will have experienced a broad range of clinical procedures expected of newly qualified dentists. Academic writing, along with evidence-based research projects are a feature of the research unit throughout this year. Students will have the opportunity to participate in an electives placement which may occur locally, interstate or overseas. It is an opportunity to prepare for a particular career direction, explore different experiences or enhance skills in particular areas of a student's choice. Successful completion of an Elective will be recorded on the student transcript.

Year 4

The final year of the Doctor of Dental Medicine commences with an intensive two-week course in advanced restorative techniques, Fixed Prosthodontics and Implantology. Following this, integrated learning activitites continue through the presentation of lectures, tutorial sessions, problem based learning and evidence-based practice sessions. The majority of students time is spent in clinical practice in metropolitan, rural and remote community clinics which imparts a strong sense of the needs of the general Australian population.

2. Units of study making up the course

The Doctor of Dental Medicine is aligned to the oral health care needs of the Australian population on which the "Competencies of the newly graduated dentist" of the Australian Dental Council are based. The content is organised into units of study consisting of defined discipline areas. Each unit of study consists of clusters of closely related/cognate disciplines to promote/facilitate the delivery of the degree. While the didactic teaching is discipline based, once students commence patient-based clinical education, disciplines are integrated as students acquire a greater scope of clinical skills.

The units of study are:

- Foundations of Clinical Dentistry A (total 25 credit points)
  Foundations of Clinical Dentistry B (total 21 credit points)
- Integrated Life Sciences (total 44 credit points)
- Research (total 12 credit points)
- Integrated Clinical Dentistry A (total 26 credit points)
- Integrated Clinical Dentistry B (total 29 credit points)
- Integrated Clinical Dentistry C (total 35 credit points)
- Electives (optional zero credit point)

3. Discipline areas covered by the units of study

The following discipline areas are represented within the units of study:

- Cariology
- Clinical Dentistry
- Dental Biomaterials
- Diet and Nutrition
- Endodontics
- Ethics
- Gerodontology
- Implantology
- Life Sciences
- Occlusion
- Oral Radiology
- Oral Pathology and Medicine
- Oral Surgery
- Orofacial Pain
- Orthodontics
- Paediatric Dentistry
- Periodontology
- Population Oral Health
- Professional Practice

- Prosthodontics
- Research
- Special Needs Dentistry
- Trauma
- Tooth Conservation

Cariology

Cariology introduces the concept of primary care dentistry and provides students with an understanding of the nature of dental caries including its clinical presentation, natural history, epidemiology, determinants, prevention (both primary and non-invasive secondary prevention). Students acquire the skills to apply both primary and non-invasive secondary preventive measures.

Clinical Dentistry

Clinical Dentistry builds on the discipline specific content of the earlier years, to enhance student's ability to integrate all aspects of patient care within the full range of teaching environments, including metropolitan and rural placements, as well as the main teaching centres of Sydney Dental Hospital and Westmead Centre for Oral Health. The objective is for the student to develop a clear understanding of the scope of specialist services available to patients in each of the disciplines. In light of this, students will learn their limitations in providing aspects of patient care and will know when and where to refer patients for more specialised treatment. Students will also become competent in integrating their knowledge in treatment of medically compromised patients and be able to communicate effectively with a range of health practitioners to ensure the best possible standard of dental care. Additionally, students will be trained in all aspects of of infection control as required for individual practice upon graduation.

Dental Biomaterials

Dental Biomaterials aims to provide students with a sound scientific basis for understanding the intrinsic properties of dental materials and biomaterials. The learning material aims to provide a sound foundation whereby the clinical applications and limitations may be understood.

Diet and Nutrition

Diet and Nutrition is delivered via workshop format and introduces the students to the concept of diet and nutrition in the dental setting and the relationship to dental caries and erosion. It covers the multitude of aspects that influence food choices and addresses the various methods of collecting and assessing dietary data and discusses the tools that can be utilised to assist patients in setting achievable dietary goals.

Endodontics

Endodontics provides students with an understanding of anatomy, histology and physiology of the pulp-dentine complex, the aetiology of pulpal disease and the required treatment. Training commences in the simulation clinic in Year 1 and with students progressing to patient-based experience, first performing endodontic procedures on single canal teeth and in Year 3 and 4 on multi-canal teeth.

Ethics

The Ethics program vertically integrates through all four years of the DMD program. Ethics aims to equip students with a basic understanding of important ethical principles and legal issues that are relevant to the dental profession in Australia. Students will explore key issues associated with clinical practice early on in the course, including topics on healthcare ethics, privacy and confidentiality, consent and refusal of treatment, capacity, civil responsibility, duty of care and negligent conduct. More complex concepts of ethical decision making and resolving ethical dilemmas within the dental settings will be introduced to students as they begin their clinical training in third and fourth year. Various legal issues associated with the practice of dentistry will be explored throughout the course including information rights, professional misconduct and criminal liability. Legal materials such as Commonwealth and State legislation, as well as NSW precedents will be covered.

Gerodontology

Gerodontology teaches students how to render comprehensive oral health care and teach prevention to a dynamic, diverse and rapidly growing elderly population. Students learn the complexity of aging, patient management and the importance of dentistry in total patient care. It covers a wide range of lecture topics, from nutrition and aging to oral cancer and other pathologic lesions of the elderly patient.

Implantology

Implantology introduces students to the application of dental implants in the Integrated Clinics and commences with a preclinical laboratory exercise for a single tooth. Specific treatment planning sessions in collaboration with the OMS guide students through decision making and work-up for single tooth implants and implant-retained overdentures; students assist during surgical and undertake prosthodontic procedures.

Life Sciences

Life Sciences occupies a significant portion of learning in Years 1 and 2 and is incrementally recontextualised by clinically focused units of study as the course progresses. Foundation learning, in addition to relevant online medical lectures are provided by the Sydney Medical School. A hybrid case based learning model is used to assist students to develop understanding of the human organ systems. Dentistry students review information obtained from lectures, in small groups, facilitated by dentistry educators, to gain an integrated understanding of common medical problems and their dental relevance. A unit of oral bioscience is undertaken which, together with general foundation studies, provides the foundation knowledge which strengthens the understanding of, and integration with, the clinical disciplines.

Occlusion

Occlusion provides students with information on the dynamics of the jaw-joint-muscle-tooth system (stomatognathic system), as a dynamic system for function with implications for patients' function, nutrition and general health. The learning material commences with an introduction to the handling of alginate impression materials, clinical procedures in recording a face bow transfer record and the applications of articulators taught in Years 1 and 2.

Oral Radiology

Oral Radiology guides students in the understanding of all terminology related to dentomaxillofacial radiology and to gain the ability to apply the theory of physics and radiation biology, projection geometry and film/electronic sensor image acquisition and processing to clinical situations. Students also learn to recognise normal radiographic anatomy and identify abnormalities and pathology. Students practice taking bitewing radiographs of premolars and molars; periapical radiographs of the dentition using paralleling and bisecting angle techniques; film processing technique from the phase of exposure to the finished radiograph, using both conventional silver-halide-based film imaging and digital imaging, together with the accurate mounting of radiographs and recording of patient details. In Year 3 students take and interpret Panoramic and Cephalometric extra-oral radiographs.

Oral Pathology and Medicine

Oral Pathology and Medicine assists students to develop a critical understanding of the maxillofacial and oral diseases as well as systemic diseases with oral manifestations that they may encounter in the course of their professional career and be called upon to diagnose, prevent and treat. The content aims to equip students with the knowledge and skills that will enable them to understand the epidemiology, the aetiology and pathogenesis of conditions that affect the oral and maxillofacial tissues. This will facilitate the diagnosis of the more common oral conditions or to assist students in arriving at a differential diagnosis thereby allowing for correct patient management or referral to relevant specialists for appropriate management.

Oral Surgery

Oral Surgery commences in Year 2 with a course in Local Anesthesia and exodontia whereby students are equipped with the appropriate knowledge and practical skills to safely administer local anaesthetics and carry out extraction of teeth. This module is designed to equip students with the necessary knowledge and skills in the principles and practice of surgery. Emphasis is placed both on the technical aspects of surgery, as well as the integration of basic sciences to form the appropriate scientific basis for the clinical practice of surgery. The remainder of the course is presented in an integrated manner with Oral Pathology and Oral Medicine. As part of this discipline, students also receive training in medical emergencies and CPR, including a rotation through the Accident and Emergency department of a major public teaching hospital.

Orofacial Pain

Orofacial Pain provides an understanding of the assessment and diagnosis of orofacial pain and temporomandibular disorders. Students gain an understanding of anatomy and physiology of craniofacial structures including the temporomandibular joints, jaw muscles and trigeminal nerve and particularly of the peripheral nerve distribution of the major trigeminal nerve trunks and other cranial nerves, the anatomical relations of the structures they innervate, and their primary central connections.

Orthodontics

Orthodontics introduces students to orthodontics as a dental specialty and an understanding of the role it plays in general dentistry. Students gain an understanding of the concept of normal and malocclusion. Knowledge of craniofacial growth and development is acquired in a coordinated way together with basic histology and embryology to foster an understanding of the aetiology of orthodontic problems. Subsequent to this, students are able to diagnose different malocclusions, obtain and analyse necessary records and formulate a problem list with a tentative treatment plan. Students gain practical experience in the orthodontic diagnosis and treatment planning process on real patients together with practical knowledge of the operation and mode of action of various orthodontic appliances, along with the indications for various appliances. In addition, students acquire an understanding of the common problems and complications associated with orthodontic treatment. Students gain an understanding of the process of comprehensive orthodontic treatment in the management of various malocclusions in different patient age groups, through observing specialists performing such treatment. The management of Obstructive Sleep Apnoea (OSA) and how to diagnose and treat this condition is a further component to student experience in this module.

Paediatric Dentistry

Paediatric Dentistry develops caring and professional dentists who have the basic knowledge and competency to manage paediatric patients in general dental practice and with the ability to maintain and update this knowledge. Teaching will focus on behaviour management, pain control, the management of caries and dental anomalies in paediatric patients, together with oral pathology and the management of paediatric patients with special needs.

Periodontology

Periodontology covers normal anatomy and histology of periodontal tissue, the composition and role of oral biofilm and periodontal disease, the removal of biofilm, classification of periodontal disease and the treatment and periodontal maintenance and supplementary treatment. Students are introduced to this discipline in the simulation clinics in the early stages and develop their skills through patient-based clinical experience throughout the course.

Population Oral Health

Population Oral Health aims to provide students with an understanding of how dental disease impacts on populations with Aboriginal communities, special needs and medically compromised groups, used as specific examples. In addition, the epidemiology of dental caries, periodontal disease and maxillofacial trauma are presented.

Professional Practice

Professional Practice focuses on professional conduct, with the patient's interest as the primary priority, and equips students for successful professional practice. An important component of the teaching is effective communication skills for motivation and behaviour change that would be delivered in close association with primary care dentistry.

Prosthodontics

Prosthodontics in its earliest teaching aims to introduce students to the discipline of oral rehabilitation. The program develops students' skills in the handling of impression and cast materials, taking alginate impressions, and pouring up impressions to produce stone casts. Students are subsequentially provided with the knowledge to understand the consequences of tooth loss, replacing missing teeth, types of dentures, and components of partial and full dentures and their function. In Year 3, students are introduced to Fixed Prosthodontics, which aims to provide students with the knowledge and skills related to principles and technique of preparing teeth for full coverage restorations and partial aesthetic restorations ie porcelain veneers, including provisional restorations, shade selection, cementation and clinical outcomes. The program progresses from pre-clinical skills and knowledge development to clinical application in second semester. In addition, students participate in a five day intensive clinical program at the beginning of Year 4 during which, in addition to full gold and ceramo-metal crowns and bridges, each student restores a single tooth with an all-ceramic crown, with in-house processing from pouring the impression, trimming and sectioning the die and Procera scanning.

Research

Research commences in Year 1 by familiarising students with concepts in epidemiology and research methodology. Students will gain skills in identifying different study types and understanding basic biostatistics. In year 2, students will learn how to document and report a literature search, and use various indices of publication quality. Critical analysis of problems will also be a feature of year 2. In Year 3, students engage in a research project, preparing a draft report on their individual/group research projects by the end of the year. An intensive course on Evidence-Based Dental Practice (EBP) comprises a significant part of year 4 research unit of study. Students will apply EBP principles in developing patient care plans for clinical case scenarios. At the completion of this unit of study students will submit their completed research project report based on feedback following submission of the draft report.

Special Needs Dentistry

Special Needs Dentistry aims to develop basic knowledge and understanding of common intellectual and physical disabilities, neurodegenerative disorders and mental illnesses. The program aims to develop confidence and competence in the management of the special needs patient with a focus on building rapport, patience and modifications to treatment modalities to provide optimum oral health care. The importance of communication with both patient and care-giver is also highlighted.

Trauma

Trauma is presented collaboratively between the disciplines of Endodontics, Oral Surgery and Paediatric Dentistry. Students learn about the management of minor trauma to the oral hard and soft tissue.

Tooth Conservation

Tooth Conservation covers clinical aspects of tooth conservation including treatment planning and provision of patient treatment for acute care and routine preventive and restorative procedures. This commences early in Year 1 in a simulated learning environment where students are introduced to dental instrumentation and the dental

operatory environment, together with simple restorative procedures. Complexity of restorative procedures increases throughout Years 2 and 3, with initial practice of all procedures in the simulation clinic.

Dental Medicine

Doctor of Dental Medicine

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2014 (the 'Coursework Rule'), the Coursework Policy 2014, the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended), the Academic Honesty in Coursework Policy 2015 and the Academic Honesty Procedures 2016. Up to date versions of all such documents are available from the Policy Register: http://sydney.edu.au/policies.

Course Resolutions

1 Course Codes

Code	Course and stream title
MADNTLMD-01	Doctor of Dental Medicine

2 Attendance pattern

The attendance pattern for these courses is full time only.

3 Qualification level

The master's degree referred to in these resolutions is a professional master's course, as defined by the Coursework Policy.

4 Admission to candidature

(1) Available places will be offered to qualified applicants based on merit, according to the following admission criteria.

(2) Admission to the Doctor of Dental Medicine requires:

(a) completion of a bachelor degree comprising at least three full-time equivalent years of study from either:

(i) a bachelor degree (pass) accredited at Level 7 under the Australian Qualifications Framework or a bachelor degree (with honours) accredited at Level 8 under the Australian Qualifications Framework) from an Australian university or self accrediting higher education institution; or

(ii) a bachelor degree from an overseas university listed in the National Office of Overseas Skills Recognition Guide, provided that the degree is equivalent to an Australian bachelor degree (pass or with honours);

and

(b) completion of a human biology or cellular biology subject at University level, of a minimum of one semester's duration;

and

(c) a demonstrated sustained academic performance to a standard considered satisfactory by the Dean of the Faculty of Dentistry. In assessing sustained academic performance the Dean may, at his or her discretion, consider performance in the bachelor's degree(s) and/or performance in any graduate diploma, master or doctoral degree (or equivalent);

and

(d) performance in the Graduate Medical School Admission Test (GAMSAT) or an equivalent admissions test approved by the Dean to a standard considered satisfactory by the Dean;

and

(e) performance in an interview to a standard considered satisfactory by the Dean ;

and

(f) The minimum English requirement at IELTS (academic module) 7.0 overall and a minimum result of 7.0 in each band.

(3) If the bachelor's degree was completed more than 10 years before 1 January of the year for which the applicant is seeking enrolment, the applicant must, in addition, have completed within this 10 year period, or complete prior to 1 January of the year in which the applicant intends to commence the Doctor of Dental Medicine, a postgraduate degree or postgraduate diploma (or equivalent), which will be either:

(a) a postgraduate degree or postgraduate diploma accredited at Level 8, 9 or 10 under the Australian Qualifications Framework from an Australian university or self-accrediting higher education institution; or

(b) an overseas university listed in the National Office of Overseas Skills Recognition Guide, provided that the postgraduate degree or postgraduate diploma is equivalent to an Australian postgraduate degree or postgraduate diploma accredited at Level 8, 9 or 10 under the Australian Qualifications Framework.

(4) An applicant will not be admitted to candidature for the Doctor of Dental Medicine unless he or she has completed a bachelor degree prior to 1 January of the year in which the applicant intends to commence the Doctor of Dental Medicine.

(5) The official results listed on an applicant's transcript, and his or her admission test results, will be taken as the awarding and testing authorities' assessment of the academic standards reached by the applicant, taking due account of illness and misadventure according to the authorities' policies.

(6) A person who has commenced the Doctor of Dental Medicine in a fee-paying place at the University will not be eligible for admission or transfer to a Commonwealth supported place in the Doctor of Dental Medicine.

(7) In accordance with clause 14 of the Coursework Policy, the selection criteria and selection process for international applicants may differ from those for locals in that:

(a) the Faculty may use a different definition, calibrated to reflect the same standards as for other applicants, of sustained academic performance in the bachelor degree (and/or the postgraduate degree or postgraduate diploma);

(b) the Faculty may approve one or more different admissions tests, calibrated to reflect the same standards as for other applicants, for international applicants;

(c) the Faculty may approve a different interview process for international applicants;

(d) international applicants may be ranked separately to local applicants;

(e) the Faculty may set a quota for the number of places in the Doctor of Dental Medicine available to international students.

(8) In recognition of the educational disadvantage associated with rural origin, the Faculty may establish a special admission scheme, subject to the approval of the Academic Board, for applicants who comply with the published definition of being of rural origin.
This scheme may:
(a) use a definition of sustained academic performance in the bachelor degree (and/or the postgraduate degree or postgraduate diploma) that differs from, but is calibrated to the same standards as, that applied to other local applicants;
(b) use a definition of satisfactory performance in an admissions test approved by the Faculty of Dentistry that differs from, but is calibrated to the same standards as, that applied to other local applicants;
(c) use a definition of satisfactory performance in an interview approved by the Faculty of Dentistry that differs from, but is calibrated to the same standards as, that applied to other local applicants;
(d) establish a quota for admitting applicants under the scheme;
(e) rank applicants under the scheme separately from other applicants, or give bonus points to applicants under the scheme, in order to facilitate their ranking against other applicants.

(9) In recognition of the educational disadvantage suffered by Indigenous people, the Faculty may establish a special admission scheme, subject to the approval of the Academic Board, for Indigenous applicants.
This scheme may:
(a) use a definition of sustained academic performance in the bachelor degree (and/or the postgraduate degree or postgraduate diploma) that differs from, but is calibrated to the same standards as, that applied to other local applicants;
(b) use a definition of satisfactory performance in an admissions test approved by the Faculty of Dentistry that differs from, but is calibrated to the same standards as, that applied to other local applicants;
(c) use a definition of satisfactory performance in an interview approved by the Faculty of Dentistry that differs from, but is calibrated to the same standards as, that applied to other local applicants;
(d) establish a quota for admitting applicants under the scheme;
(e) rank applicants under the scheme separately from other applicants, or give bonus points to applicants under the scheme, in order to facilitate their ranking against other applicants.

(10) A committee consisting of the Dean and Associate Dean (Learning and Teaching) may confirm or withdraw an offer which has been made to an applicant but which is not in accordance with the admission criteria.

5 Deferral

Applications for the deferral of enrolment following an offer of a place in the Doctor of Dental Medicine will only be considered under exceptional circumstances, and require the approval of the Associate Dean.

6 Requirements for Award

(1) To qualify for the award of the pass degree, a candidate must successfully complete a fixed curriculum of 192 credit points in the order prescribed in the Table of Units of Study: Dental Medicine as described in the Faculty Handbook.

(2) Students must attend clinical simulation and clinical placements to meet the requirements of the program.

7 Progression Requirements

All Years

(1) These progression requirements should be read in conjunction with the relevant Unit of Study Outlines, Faculty Local Provisions and Faculty Resolutions.

(2) Satisfactory performance requires a mark of 50 percent, unless otherwise stated in the relevant unit of study outline.

(3) Subject to these resolutions, remediation and reassessment will be offered in accordance with the Faculty of Dentistry - Assessment Provisions 2017.

(4) Where a student fails a component of a unit of study, which results in the student being considered to have failed the whole unit of study, a grade of Fail (FA) and a mark of 45 percent will be awarded for that unit of study.

(5) Any student who fails to meet the unit of study criteria or fails to obtain an overall mark of 50 percent for the unit of study will not be permitted to progress or graduate.

(6) Any student who fails to meet the requirements of:
(a) continuous sessional clinical or pre-clinical assessment; or
(b) clinical and academic professionalism assessment; or
(c) attendance; or
(d) adequate depth and breadth of clinical experience
will be considered to have failed the year and will be required to repeat. No reassessment will be offered.

(7) Any student who successfully completes a reassessment, and has not yet reached the maximum period for meeting course requirements, will be permitted to progress.

(8) Students who have reached the maximum period for meeting course requirements, as prescribed in the University of Sydney (Coursework) Rule 2014, will not be permitted to re-enrol in the course.

(9) When repeating a year or semester, no exemptions from normal course requirements will be permitted.

Year 1

(10) Students who fail two or more units of study (i.e. fail to meet the unit of study criteria or fail to obtain an overall mark of 50 percent for the unit of study) will be considered to have failed the year and will be required to repeat the year. No reassessment will be offered.

(11) Students may not progress to Year 2 unless they have passed each of the following practical assessments:
(a) Endodontics
(b) Periodontics
(c) Radiology; and
(d) Tooth Conservation.

(12) Students who fail all practical assessments at the first attempt will be considered to have failed the year and will be required to repeat it. No reassessment will be offered.

(13) Students who fail all components of Integrated Life Sciences (Medical Sciences, Oral Biosciences and Head and Neck Anatomy) will be considered to have failed the year and will be required to repeat it. No reassessment will be offered.

Year 2

(14) Students who fail two or more units of study (i.e. fail to meet the unit of study criteria or fail to obtain an overall mark of 50 percent for the unit of study) will be considered to have failed the year and required to repeat. No reassessment will be offered.

(15) Students may not progress to Semester 2 unless they have passed the Tooth Conservation and the Local Anaesthesia / Exodontia practical assessment in Semester 1.

(16) Students may not progress to Year 3 unless they have passed each of the following practical assessments:
(a) Endodontics (Semesters 1 and 2 aggregate marks); and

(b) Periodontics.

(17) Any student who fails all of the practical assessments at the first attempt will be considered to have failed the year. No remediation or reassessment will be offered.

Year 3 and 4

(18) A student who fails three or more units of study will be required to repeat the year. No reassessment will be offered.

(19) A student who fails the requirements of clinical work or continuous assessment will not be permitted to progress or graduate.

8 Credit for previous study

Credit for previous study will not be granted in this course. However, for medical graduates from Australian and New Zealand medical schools who have graduated in the last 10 years, some aspects of the Integrated Life Sciences theme will be waived. Further details are available in the Faculty of Dentistry Admissions Policy, available in the relevant Faculty Handbook.

Dental Medicine

Unit of study table

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
Year 1			
SDDM5111 **Integrated Life Sciences 1**	14	**C** SDDM5112, SDDM5113, SDDM5114	Semester 1
SDDM5112 **Foundations of Clinical Dentistry A1**	6	**C** SDDM5111, SDDM5113, SDDM5114	Semester 1
SDDM5113 **Foundations of Clinical Dentistry B1**	3	**C** SDDM5111, SDDM5112, SDDM5114	Semester 1
SDDM5114 **Research 1**	1	**C** SDDM5111, SDDM5112, SDDM5113	Semester 1
SDDM5121 **Integrated Life Sciences 2**	12	**C** SDDM5122, SDDM5123, SDDM5124	Semester 2
SDDM5122 **Foundations of Clinical Dentistry A2**	6	**C** SDDM5121, SDDM5123, SDDM5124 **N** SDMD5111, SDMD5112, SDMD5113, SDMD5117	Semester 2
SDDM5123 **Foundations of Clinical Dentistry B2**	4	**C** SDDM5121, SDDM5122, SDDM5124	Semester 2
SDDM5124 **Research 2**	2	**C** SDDM5121, SDDM5122, SDDM5123	Semester 2
Year 2			
SDDM5211 **Integrated Life Sciences 3**	10	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5212, SDDM5213, SDDM5214	Semester 1
SDDM5212 **Foundations of Clinical Dentistry A3**	6	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5211, SDDM5213, SDDM5214	Semester 1
SDDM5213 **Foundations of Clinical Dentistry B3**	7	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5211, SDDM5212, SDDM5214	Semester 1
SDDM5214 **Research 3**	1	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5211, SDDM5212, SDDM5213	Semester 1
SDDM5221 **Integrated Life Sciences 4**	8	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5222, SDDM5223, SDDM5224	Semester 2
SDDM5222 **Foundations of Clinical Dentistry A4**	7	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5221, SDDM5223, SDDM5224	Semester 2
SDDM5223 **Foundations of Clinical Dentistry B4**	7	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5221, SDDM5222, SDDM5224	Semester 2
SDDM5224 **Research 4**	2	**P** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **C** SDDM5221, SDDM5222, SDDM5223	Semester 2
Year 3			
SDDM5315 **Integrated Clinical Dentistry A1**	6	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5314, SDDM5316, SDDM5317	Semester 1
SDDM5316 **Integrated Clinical Dentistry B1**	7	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5314, SDDM5315, SDDM5317	Semester 1

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
SDDM5317 **Integrated Clinical Dentistry C1**	10	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5314, SDDM5315, SDDM5316	Semester 1
SDDM5314 **Research 5**	1	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5315, SDDM5316, SDDM5317	Semester 1
SDDM5324 **Research 6**	2	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5325, SDDM5326, SDDM5327	Semester 2
SDDM5325 **Integrated Clinical Dentistry A2**	5	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5324, SDDM5326, SDDM5327	Semester 2
SDDM5326 **Integrated Clinical Dentistry B2**	7	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5324, SDDM5325, SDDM5327	Semester 2
SDDM5327 **Integrated Clinical Dentistry C2**	10	**P** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **C** SDDM5324, SDDM5325, SDDM5326	Semester 2
SDDM5328 **Electives 1**		**P** Year 2 of DMD *Note: Department permission required for enrolment* *The Elective programme offers an opportunity for professional development*	Semester 2
Year 4			
SDDM5414 **Research 7**	3	**P** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **C** SDDM5415, SDDM5416, SDDM5417 *Guide to Student PEARLS (available on Blackboard)*	Semester 1
SDDM5415 **Integrated Clinical Dentistry A3**	7	**P** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327	Semester 1
SDDM5416 **Integrated Clinical Dentistry B3**	7	**P** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327	Semester 1
SDDM5417 **Integrated Clinical Dentistry C3**	7	**P** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327	Semester 1
SDDM5418 **Electives 2**		**P** SDDM5328 *Note: Department permission required for enrolment*	Semester 1 Semester 2
SDDM5425 **Integrated Clinical Dentistry A4**	8	**P** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327	Semester 2
SDDM5426 **Integrated Clinical Dentistry B4**	8	**P** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327	Semester 2
SDDM5427 **Integrated Clinical Dentistry C4**	8	**P** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327	Semester 2

Dental Medicine

Unit of study descriptions

Year 1

SDDM5111
Integrated Life Sciences 1

Credit points: 14 **Teacher/Coordinator:** Dr Munira Xaymardan and Dr Christina Adler **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, CPL tutorials, seminars, theme sessions and practicals (dissections, prosections). **Corequisites:** SDDM5112, SDDM5113, SDDM5114 **Assessment:** Medical Sciences: 1 x formative written assessment and 1 x summative written assessment. Oral Biosciences: 1 x written summative assessment. Head and Neck anatomy: 2 x quizzes, 1 x written assessment and 1 x practical assessment **Mode of delivery:** Normal (lecture/lab/tutorial) day

The year will begin with the foundation of the medical sciences. This will include general Anatomy, general Histology, Infectious Diseases, Physiology, Immunology, general Pathology, Biochemistry, Pharmacology, Embryology and Genetics. Coinciding with these and continuing, there will be courses in Head and Neck Anatomy, Oral Embryology and Histology, Oral Microbiology and Biomaterials. Organ systems in health and disease will then begin including aspects of Skin and Mucosa, Musculoskeletal systems, Respiratory systems, Haematology and Cardiovascular systems. Oral Pathobiology, Dental Biochemistry and Oral Biology will also be introduced.

SDDM5112
Foundations of Clinical Dentistry A1

Credit points: 6 **Teacher/Coordinator:** Dr Susie Dracopoulos and Dr Rahena Akhter **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practical simulation. **Corequisites:** SDDM5111, SDDM5113, SDDM5114 **Assessment:** Written Summative assessment x 2, formative and summative practical assessments plus continuous sessional assessment during simulation activities. **Practical field work:** Practical simulation and clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit introduces the concepts associated with Professional Practice, Clinical Management and Population Oral Health. It also addresses the morphology, development, eruption and exfoliation of teeth to provide a framework for understanding the structure of primary and permanent teeth. The student will also be introduced to the discipline of Cariology and the prevention and management of the disease of dental caries. Students will be introduced to ethics and law. The treatment and restoration of advanced carious lesions will be introduced in Tooth Conservation and Endodontics, where the early development of technical skills in the simulation clinic will be supported by didactic teaching sessions.

SDDM5113
Foundations of Clinical Dentistry B1

Credit points: 3 **Teacher/Coordinator:** Dr Tihana Divnic-Resnic and Dr Eduardo Delamare. **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including weekly sessions including lectures, tutorials, simulation and clinical practicals and laboratory practicals. **Corequisites:** SDDM5111, SDDM5112, SDDM5114 **Assessment:** Written summative assessments x 2, formative and summative practical assessments plus continuous sessional assessment during simulation and laboratory activities. **Practical field work:** Practical simulation, laboratory work **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study commences with Radiology, where the students are given the opportunity to take and report on radiographs within the simulated learning environment; and to develop diagnostic skills in interpretation of normal anatomical structures and disease. The student is also given an introductory framework to the diagnosis and rehabilitation of patients with tooth loss and diseases of the supporting tissues, namely periodontal diseases. Introductory laboratory and didactic sessions will provide student knowledge on the range of rehabilitation options available to replace lost teeth and bone, including partial and complete dentures, implants and the basic theory of dental occlusion. An introduction to the management of older patients and patients with special needs will also be included.

SDDM5114
Research 1

Credit points: 1 **Teacher/Coordinator:** Dr Shanika Nanayakkara Prof Greg Murray (Assistant) **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, seminars and computer lab sessions. **Corequisites:** SDDM5111, SDDM5112, SDDM5113 **Assessment:** Formative continuous research assignments, summative research assignment. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This Unit of Study will commence with introducing the basic concepts in epidemiology, research and Evidence Based Practice (EBP). Students will become familiar with University of Sydney Library resources and services to DMD students, sources of dental information, conducting literature searches and managing scientific information. Students will also gain skills in identifying different study types, critically appraising clinical research literature and assigning levels of evidence to published research. Students will apply EBP principles in developing patient care plans for simple clinical case scenarios.

SDDM5121
Integrated Life Sciences 2

Credit points: 12 **Teacher/Coordinator:** Dr Munira Xaymardan and Dr Christina Adler **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, CBL tutorials, seminars, theme sessions and practicals. **Corequisites:** SDDM5122, SDDM5123, SDDM5124 **Assessment:** Medical Sciences: 1x summative written assessment covering entire year content. Oral Biosciences: 1x written summative assessment covering entire year. **Practical field work:** Science practicals **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description.

SDDM5122
Foundations of Clinical Dentistry A2

Credit points: 6 **Teacher/Coordinator:** Dr Susie Dracopoulos and Dr Rahena Akhter **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials, and practicals. **Corequisites:** SDDM5121, SDDM5123, SDDM5124 **Prohibitions:** SDMD5111, SDMD5112, SDMD5113, SDMD5117 **Assessment:** 2 x practical assessments in Tooth Conservation and Endodontics; 1 x written summative assessmen in Cariology, Professional Practice, Tooth Conservation, Tooth Morphology and Endodontics; continuous assessment during practical sessions. **Practical field work:** Practical simulation and clinical sessions. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description.

SDDM5123
Foundations of Clinical Dentistry B2

Credit points: 4 **Teacher/Coordinator:** Dr Tihana Divnic-Resnic and Dr Eduardo Delamare **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials, simulation and clinical practicals and laboratory practicals. **Corequisites:** SDDM5121, SDDM5122, SDDM5124 **Assessment:** 1x summative written assessment in Periodontics, Prosthodontics, Paediatric Dentistry and Radiology; 1 x summative practical assessments in Radiology and Periodontics and continuous sessional assessment during practical sessions. **Practical field work:** Practical simulation and laboratory work **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues on from semester one and also introduces the disciplines of Orthodontics and Paediatric Dentistry. It aims to provide a thorough understanding of the science of craniofacial biology and its relevance to the development of normal and abnormal craniofacial growth and development, and to the prevention, interception and correction of dentofacial abnormalities by orthodontic means. It also aims to introduce a theoretical basis for the ethical clinical practice of dentistry for children and adolescents through engagement with and critical analysis of the current body of literature.

This unit of study continues from semester one. Refer to semester one description.

SDDM5124
Research 2

Credit points: 2 **Teacher/Coordinator:** Dr Shanika Nanayakkara and Prof Greg Murray (Assistant) **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Corequisites:** SDDM5121, SDDM5122, SDDM5123 **Assessment:** Summative written exam. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one, developing skills of research and Evidence Based Practice. Students will continue their research skills using University of Sydney library resources and services to DMD students, sources of dental information, conducting literature searches and managing scientific information. Students will also continue to gain skills in identifying different study types, critical appraising clinical research literature and assigning levels of evidence to published research. Students will apply EBP principles in developing patient care plans for simple clinical case scenarios.

Year 2

SDDM5211
Integrated Life Sciences 3

Credit points: 10 **Teacher/Coordinator:** Dr Munira Xaymardan and Dr Christina Adler **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, CBL tutorials, seminars, theme sessions and practicals. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5212, SDDM5213, SDDM5214 **Assessment:** Summative written assessments in Medical Sciences. **Practical field work:** Science Practicals **Mode of delivery:** Normal (lecture/lab/tutorial) day

Organ systems in health and disease will continue including Neurosciences, Endocrine systems, Gastrointestinal systems, Renal systems, Nutrition and Oncology. More advanced aspects of Oral Pathobiology, Dental Biochemistry and Oral Biology will be covered to support understanding of the clinical disciplines.

SDDM5212
Foundations of Clinical Dentistry A3

Credit points: 6 **Teacher/Coordinator:** Dr Susie Dracopoulos and Dr Rahena Akhter **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar including lectures, tutorial and practicals. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5211, SDDM5213, SDDM5214 **Assessment:** 2 x practical assessments in Tooth Conservation and Endodontics; Written assessment in Cariology, Diet and Nutrition, Professional Practise, Tooth Conservation and Endodontics; continuous sessional assessment during practical and clinical sessions. **Practical field work:** Clinical simulation and clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit will build on Year 1 to prepare students for patient care. The management and restoration of dental caries will be further developed with an introduction to primary care clinical practice and integrated treatment planning. Didactic and simulated practical sessions will develop the students understanding of more complex clinical presentations of Tooth Conservation and Endodontics. The student will further develop an understanding of anxiety, pain, phobias, anger and stress and the application of appropriate behavioural strategies Ethics and law will be expanded and Population Oral Health aspects will be presented in a broader context.

SDDM5213
Foundations of Clinical Dentistry B3

Credit points: 7 **Teacher/Coordinator:** Dr Tihana Divnic-Resnic and Dr Eduardo Delamare **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5211, SDDM5212, SDDM5214 **Assessment:** 1 x Required Competency Assessment in Local Anaesthesia; 1 x Required Formative Assessment in Radiology and continuous sessional assessments during simulation and clinical activities. **Practical field work:** Practical simulation, clinical sessions and laboratory work **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit builds on the fundamental concepts and procedures covered in year 1 to provide the important clinical procedures involved in prosthodontics, implants and denture construction. This unit also provides students with more advanced information and the fundamentals of diagnosis and management of periodontal disease. The foundations of Radiology and Paediatric Dentistry are further developed and an Orthodontic preclinical session enhances basic clinical skills. Oral Surgery is introduced and integrates head and neck anatomy with the principles and procedures associated with routine dental and oral surgical procedures, as well as pain management.

SDDM5214
Research 3

Credit points: 1 **Teacher/Coordinator:** Dr Shanika Nanayakkara Prof Greg Murray (Assistant) **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures and tutorials. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5211, SDDM5212, SDDM5213 **Assessment:** Continuous research assessment **Mode of delivery:** Normal (lecture/lab/tutorial) day

During the second year, students will commence engaging in hands-on research. Students will continue to apply skills gained in DMD1 in identifying different study types, critically appraising clinical research literature and assigning levels of evidence to published research. The key concepts in biostatistics and research ethics will be introduced during this year. This unit of study will help the students to further develop their skills in academic writing, accessing, organising and using information for ongoing learning. Students will acquire skills and gain competance on presenting the research findings.

SDDM5221
Integrated Life Sciences 4

Credit points: 8 **Teacher/Coordinator:** Dr Munira Xaymardan and Dr Christina Adler **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, CBL tutorials, seminars, theme sessions and practicals. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5222, SDDM5223, SDDM5224 **Assessment:** 2 x written assessments in Medical Sciences, 1 x written assessment in Oral Biological Sciences **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description.

SDDM5222
Foundations of Clinical Dentistry A4

Credit points: 7 **Teacher/Coordinator:** Dr Susie Dracopoulos and Dr Rahena Akhter **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials, seminars and practicals. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5221, SDDM5223, SDDM5224 **Assessment:** 1 x written exam in Tooth Conservation, Endodontics, Cariology, Professional Practice and Diet and Nutrition (OSCA /SBA); 1 x practical assessment in Endodontics and continuous sessional assessment of practical and clinical sessions. **Practical field work:** Practical simulation and clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one and introduces students to integrated clinical practice. Refer to semester one description.

SDDM5223
Foundations of Clinical Dentistry B4

Credit points: 7 **Teacher/Coordinator:** Dr Tihana Divnic-Resnic-Resnik and Eduardo Delamare **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials, seminars and practicals. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5221, SDDM5222, SDDM5224 **Assessment:** 2 x written assessments (OSCA /SBA) in Radiology, Local Anaesthesia / Oral Surgery, Orthodontics, Periodontics, Prosthodontics, Occlusion, Implants and Paediatric Dentistry; 1 x practical assessment (simulated and clinical) in Periodontics and continuous sessional assessment of practical and clinical sessions. **Practical field work:** Practical Simulation, clinical sessions and laboratory work. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description.

SDDM5224
Research 4

Credit points: 2 **Teacher/Coordinator:** Dr Shanika Nanayakkara and Prof Greg Murray (Assistant) **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures and tutorials. **Prerequisites:** SDDM5111, SDDM5112, SDDM5113, SDDM5114, SDDM5121, SDDM5122, SDDM5123, SDDM5124, SDMD5111, SDMD5112, SDMD5113, SDMD5114, SDMD5116, SDMD5117, SDMD5121, SDMD5122, SDMD5123, SDMD5124, SDMD5125, SDMD5126, SDMD5127 **Corequisites:** SDDM5221, SDDM5222, SDDM5223 **Assessment:** Research proposal, 1 x summative written assessment **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description. During semester 2, research project related activities will continue under supervision and a research proposal for a individual or a group reearch project will be prepared.

Year 3

SDDM5315
Integrated Clinical Dentistry A1

Credit points: 6 **Teacher/Coordinator:** Dr Judith Werner and Dr Nathan Fenning **Session:** Semester 1 **Classes:** Information available on Learning Management System, including lectures, tutorials and practicals. **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5314, SDDM5316, SDDM5317 **Assessment:** 1 x clinical on-line barrier theory assessment, 1 x integrated written exam, 1 x endodontic practical required competency assessment exam, continuous sessional assessment of clinical sessions and clinical work and mentor reports. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides students with the necessary skills to expand their treatment planning skills for patients in a general dental practice situation, using non-invasive primary and secondary preventive strategies and to undertake the management of patients presenting in pain. Students will build on their initial clinical experience by expanding the complexity of cavities and range of materials used in their treatment of patients. The foundations of Endodontics will be deepened and broadened to include advanced concepts. The program of Dental Trauma will teach students the guidelines and skills needed for the general management of acute traumatic dental injuries. The area of trauma represents a significant crossover between the disciplines of Endodontics, Paediatric Dentistry and Oral Surgery. Complementary to the clinical work, the Professional practice program covers those domains of dentistry practice that foster the development of oral health professionals who are competent, caring and committed to the healing of their patients. This discipline will explore the topics of social justice, clinical ethics and professional integrity as well as examining behavioural science learning topics including effective communication and management skills.

SDDM5316
Integrated Clinical Dentistry B1

Credit points: 7 **Teacher/Coordinator:** A/Prof Ayman Ellakwa and Dr. Smitha Sukumar **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5314, SDDM5315, SDDM5317 **Assessment:** 1 x integrated written exam, 1 x Required Competency Assessment in Fixed Prosthodontics, continuous sessional assessment of clinical sessions and mentor reports. **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study will introduce students to the management of common denture-related problems frequently encountered in practice and includes repairs and reline procedures. More advanced rehabilitation procedures involving overdentures will also be introduced as well as the fundamental theoretical and technical framework for fixed prosthodontics. The crucial importance of the supporting soft and hard tissues will be emphasised by intensive exposure to diagnosis and management of common periodontal diseases with a focus on non-surgical periodontal therapy. This unit also aims to provide the student with the practical application of orthodontic diagnosis and treatment planning of simple malocclusions and interceptive cases. The learning sessions in Paediatric Dentistry will include restorative options (including pulp therapy), medically compromised patients, syndromes and clefts, and caries.

SDDM5317
Integrated Clinical Dentistry C1

Credit points: 10 **Teacher/Coordinator:** Dr Stephen Cox and Dr Stuart McEachen **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5314, SDDM5315, SDDM5316 **Assessment:** 1 x written assessment in Oral Surgery, Conscious Sedation, Oral Pathology and Oral Medicine; 1 x Oral Surgery Short Case; 1 x Viva Voce and continuous sessional assessment in Radiology and Clinical sessions. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

Integrated Clinical Dentistry C1 will be focused on clinical experiences of Human Disease in Dentistry. This will cover more advanced concepts and will be delivered through symposia, problem solving exercises and recorded lectures.

SDDM5314
Research 5

Credit points: 1 **Teacher/Coordinator:** Prof. Greg Murray **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5315, SDDM5316, SDDM5317 **Assessment:** 1 x summative assignment **Mode of delivery:** Normal (lecture/lab/tutorial) day

In Year 3, students will continue their research project activities. At the completion of this unit of study, students present a draft report on their individual/group research projects. An important aim of this unit of study is to foster an evidence-based approach to clinical practice and strong inquisitive approach to learning throughout the course. Students will continue to apply skills gained in DMD 1 and DMD 2 in identifying different study types, critically appraising clinical research literature and assigning levels of evidence to published research.

SDDM5324
Research 6

Credit points: 2 **Teacher/Coordinator:** Prof. Greg Murray **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5325, SDDM5326, SDDM5327

Assessment: 1 x summative assignment (Preliminary research project) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study will build on the foundations of semester one. Refer to semester one description.

SDDM5325
Integrated Clinical Dentistry A2

Credit points: 5 **Teacher/Coordinator:** Dr Judith Werner and Dr Nathan Fenning. **Session:** Semester 2 **Classes:** Information available on Learning Management system, including lectures, tutorials and practicals. **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5324, SDDM5326, SDDM5327 **Assessment:** 1 x integrated written assessment;1 x integrated clinical case presentation continuous sessional assessment of clinical sessions and clinical work, mentor reports. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study will build on the foundations of semester one - This unit provides students with the necessary skills to expand their treatment planning skills for patients in a general dental practice situation, using non-invasive primary and secondary preventive strategies and to undertake the management of patients presenting in pain. Students will build on their initial clinical experience by expanding the complexity of cavities and range of materials used in their treatment of patients. The foundations of Endodontics will be deepened and broadened to include advanced concepts. The program of Dental Trauma will teach students the guidelines and skills needed for the general management of acute traumatic dental injuries. The area of trauma represents a significant crossover between the disciplines of Endodontics, Paediatric Dentistry and Oral Surgery. Complementary to the clinical work, the Professional practice program covers those domains of dentistry practice that foster the development of oral health professionals who are competent, caring and committed to the healing of their patients. This discipline will explore the topics of social justice, clinical ethics and professional integrity as well as examining behavioural science learning topics including effective communication and management skills.

SDDM5326
Integrated Clinical Dentistry B2

Credit points: 7 **Teacher/Coordinator:** A/Prof Ayman Ellakwa and Dr Smitha Sukumar **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5324, SDDM5325, SDDM5327 **Assessment:** 2 x written assessments; 1 x Required Competent Assessment in Fixed Prosthodontics; 1 x assignment in Paediatric Dentistry; 1 x OSCA in Paediatric Dentistry; continuous sessional assessment of clinical sessions and mentor reports. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study will build on the foundations of semester one. Refer to semester one description.

SDDM5327
Integrated Clinical Dentistry C2

Credit points: 10 **Teacher/Coordinator:** Dr Stephen Cox and Dr Stuart McEachen **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Prerequisites:** SDDM5211, SDDM5212, SDDM5213, SDDM5214, SDDM5221, SDDM5222, SDDM5223, SDDM5224, SDMD5211, SDMD5212, SDMD5213, SDMD5214, SDMD5215, SDMD5216, SDMD5217, SDMD5221, SDMD5222, SDMD5223, SDMD5224, SDMD5225, SDMD5226, SDMD5227 **Corequisites:** SDDM5324, SDDM5325, SDDM5326 **Assessment:** 1 x written assessment in Oral Surgery, Conscious Sedation, Oral Pathology and Oral Medicine; 1 x Oral Surgery Short Case; 1 x Viva Voce; 1 x Residency Report and continuous sessional assessment in Radiology and Integrated Clinics. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study will build on the foundations of semester one. Refer to semester one description.

SDDM5328
Electives 1

Teacher/Coordinator: Mrs Robyn Watson **Session:** Semester 2 **Classes:** Undertaken in an environment approved by the Coordinator or Delegate. **Prerequisites:** Year 2 of DMD **Assessment:** Completion of appropriate documentation. **Practical field work:** Students are permitted to do practical work in Sydney Dental Hospital and Westmead Centre for Oral Health but not permitted to do practical work on other placements. **Mode of delivery:** Field experience

Note: Department permission required for enrolment. Note: The Elective programme offers an opportunity for professional development

The Elective option offers students an opportunity to undertake supervised experience in aspect of dentistry. The placement may occur locally, interstate or overseas. It is an opportunity to prepare for a particular career direction, explore different experiences or enhance skills in particular areas of a student's choice. Students organise their own Elective, but if advice or assistance is needed students can contact the Academic Elective Coordinator. Successful completion of this unit will be recorded on the student transcript.

Year 4

SDDM5414
Research 7

Credit points: 3 **Teacher/Coordinator:** Prof. Greg Murray/ Dr Shanika Nanayakkara **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar. **Prerequisites:** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **Corequisites:** SDDM5415, SDDM5416, SDDM5417 **Assessment:** 1 x summative assignment (Final research report), 1 x oral presentation (EBP) **Practical field work:** Laboratory (based on research project) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Note: Guide to Student PEARLS (available on Blackboard)

An intensive course on Evidence-Based Dental Practice (EBP) comprises a major part of the final year. Students will apply (EBP) principles based on clinical scenarios to inform treatment planning decisions. Students are expected to apply the skills obtained during the first three years to critically analyse a clinical question of their choice and develop a management strategy based on evidence available. At the completion of this unit of study students will submit their final research project report.

SDDM5415
Integrated Clinical Dentistry A3

Credit points: 7 **Teacher/Coordinator:** Dr Judith Werner and Dr Nathan Fenning **Session:** Semester 1 **Classes:** Information available on LMS. Lectures, tutorials and practicals. **Prerequisites:** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **Assessment:** 1 x integrated objective structured clinical examination (OSCE) continuous sessional assessment of clinical sessions and clinical work. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit provides students with training to allow a broader scope of patient care including the knowledge and skills the necessary to perform more advanced restorative procedures and aesthetic dentistry techniques; the provision of complex endodontic procedures, including acute presentations, and the knowledge and application of clinical preventive techniques. Complementary to the clinical work, the program of Professional Practice will address domains of dental practice that fosters the development of oral health professionals who are competent, caring and committed to the healing of their patients. This discipline will explore the topics of social justice, clinical ethics and professional integrity as well as examining behavioral science learning topics including effective communication and management skills.

SDDM5416
Integrated Clinical Dentistry B3

Credit points: 7 **Teacher/Coordinator:** A/Prof Ayman Ellakwa and Dr Smitha Sukumar **Session:** Semester 1 **Classes:** Information available on Compass Events Calendar and LMS. **Prerequisites:** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **Assessment:** 1 x integrated written exam and continuous sessional assessment of clinical sessions. **Practical field work:** Clinical and Laboratory sessions. (Self directed learning) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study aims to increase the studentsÂ¿ understanding of the prosthetic rehabilitation of patients with complete, partial or immediate dentures, including implant over-dentures, denture maintenance and repair; provision of traditional fixed prosthodontics with exposure to CAD CAM technology, (onlays, crowns, bridges) and implants. Students will undertake treatment and maintenance of patients with moderate to severe periodontitis (observation of periodental surgery), peri-implantitis. Students are required to provide a complete course of periodontal care and thus learn to evaluate the prognosis of periodontally involved teeth.

The unit further aims to develop an understanding of behaviour management and pain control for paediatric patients; the provision of care for paediatric patients recognising and managing developmental anomalies. Students also may treat medically compromised children. Students will gain an understanding of the knowledge and scope of orthodontics carried out by general practitioners as well as the diagnosis and treatment of obstructive sleep apnoea.

SDDM5417
Integrated Clinical Dentistry C3

Credit points: 7 **Teacher/Coordinator:** Dr Stephen Cox and Dr Eric Carter **Session:** Semester 1 **Prerequisites:** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **Assessment:** 1 x written assessment, 1 x Viva Voce and continuous sessional assessment in Clinical sessions. **Mode of delivery:** Normal (lecture/lab/tutorial) day

Learning in Oral Pathology and Oral Medicine builds upon earlier material and will assist students to develop a critical understanding of the maxillofacial and oral diseases as well as systemic diseases with oral manifestations that may be encountered in the course of their professional career and be called upon to diagnose, prevent and treat. The course in Oral Surgery further prepares the student for surgical procedures beyond the level of skill acquired in earlier years, and exposes the student to the hospital setting and observing advanced surgical procedures. Study in conscious sedation develops deeper understanding of sedation techniques as well as of medical emergency and life support. The course content of Special Care Dentistry aims to develop the studentsÂ¿ knowledge and skills to manage patients with special needs, including intellectual and physical disabilities, mental illnesses, neurodegenerative disorders and frail/elderly patients.

SDDM5418
Electives 2

Teacher/Coordinator: Mrs Robyn Watson **Session:** Semester 1, Semester 2 **Classes:** Undertaken in an environment approved by the Coordinator or Delegate. **Prerequisites:** SDDM5328 **Assessment:** Completion of appropriate documentation. **Mode of delivery:** Normal (lecture/lab/tutorial) day

Note: Department permission required for enrolment.

The Elective option offers students an opportunity to undertake supervised experience in community dentistry. The placement may occur locally, interstate or overseas. It is an opportunity to prepare for a particular career direction, explore different experiences or enhance skills in particular areas of a student's choice. Students organise their own Elective, but if advice or assistance is needed students can contact the Academic Elective Coordinator. Successful completion of this unit will be recorded on the student transcript.

SDDM5425
Integrated Clinical Dentistry A4

Credit points: 8 **Teacher/Coordinator:** Dr Judith Werner **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar, including lectures, tutorials and practicals. **Prerequisites:** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **Assessment:** 1 x integrated written assessment; 1 x integrated oral comprehensive assessment, and continuous sessional assessment of clinical sessions and clinical work; Endo Case report. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description.

SDDM5426
Integrated Clinical Dentistry B4

Credit points: 8 **Teacher/Coordinator:** A/Prof Ayman Ellakwa and Dr Smitha Sukumar **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar. **Prerequisites:** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **Assessment:** 2 x written assessments; 1 x integrated OSCA, 1 x integrated oral comprehensive assessment and continuous sessional assessment of clinical sessions; Perio Case report. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description.

SDDM5427
Integrated Clinical Dentistry C4

Credit points: 8 **Teacher/Coordinator:** Dr Stephen Cox and Dr Stuart McEachen **Session:** Semester 2 **Classes:** Information available on Compass Events Calendar. **Prerequisites:** SDDM5314, SDDM5315, SDDM5316, SDDM5317, SDDM5324, SDDM5325, SDDM5326, SDDM5327 **Assessment:** Assessment: 2 x written assessments, 1 x Viva Voce and continuous sessional assessment in the Clinics. **Practical field work:** Clinical sessions **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study continues from semester one. Refer to semester one description.

Combined Dental Medicine

Bachelor of Science (Advanced) / Doctor of Dental Medicine

	Doctor of Dental Medicine
Course code	EC082 or MADNTLMD1000
CRICOS code	074120B
Degree Abbreviation	DMD
Credit points required to complete	192
Time to complete full-time	4 years

Science (Advanced) / Dental Medicine

Bachelor of Science/Doctor of Dental Medicine

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2014 (the 'Coursework Rule'), the Coursework Policy 2014, the Resolutions of the Faculty of Science and the Faculty of Dentistry, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended), the Academic Honesty in Coursework Policy 2015 and the Academic Honesty Procedures 2016. Up to date versions of all such documents are available from the Policy Register: http://sydney.edu.au/policies.

Course resolutions

1 Course codes

Code	Course title
BPSCIDMD-01	Bachelor of Science/Doctor of Dental Medicine

2 Attendance pattern

The attendance pattern for this course is full time only.

3 Streams

(1) The Bachelor of Science in this double degree is available in the following stream:

(a) Dalyell.

(2) Completion of a stream is not a requirement of the Bachelor of Science/Doctor of Dental Medicine. The requirements for the completion of the stream is as specified in Table A for the Bachelor of Science or, in the case of the Dalyell stream, in Table S of the Shared Pool for Undergraduate Degrees.

4 Cross faculty management

(1) Candidates in this double degree program will be under the general supervision of the Faculty of Science until the end of the semester in which they complete the requirements for the Bachelor of Science. They will then be under the supervision of the Faculty of Dentistry.

(2) The Faculty of Science and the Faculty of Dentistry shall jointly exercise authority in any matter concerned with the double degree program not otherwise dealt with in these resolutions.

5 Admission to candidature

(1) Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents) leading to the award of an Australian Tertiary Admission Ranking (ATAR) or equivalent. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for Aboriginal and Torres Strait Islander people. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

(2) Applicants are only eligible for assessment for admission to the first available course intake following the receipt of their final ATAR results or equivalent. Applicants are ineligible for admission to the course in subsequent years.

(3) Admission to this course requires the applicant to participate in an assessment process, including a written assessment and a panel discussion session. The result of this assessment will form part of the ranking of applicants.

(4) Admission to the Dalyell stream requires achievement of a minimum tertiary admission rank (ATAR) set by the Board of Interdisciplinary Studies, or equivalent standard.

6 Requirements for award

(1) The units of study that may be taken for the course are set out in;

(a) Table A for the Bachelor of Science; and

(b) Table S from the Shared Pool for Undergraduate Degrees; and

(c) Table O from the Shared Pool for Undergraduate Degrees; and

(d) The Table of units for the Doctor of Dental Medicine from the Faculty of Dentistry.

(2) In these resolutions, except where otherwise specified, Table A, Table S and Table O mean Table A, Table S and Table O as specified here.

(3) To qualify for the award of both degrees a candidate must successfully complete 336 credit points, comprising:

(a) 144 credit points to qualify for the award of the Bachelor of Science as specified in the resolutions for the Bachelor of Science, including;

(i) Degree core: 12 credit points of mathematics degree core units of study as set out in Table A (candidates may count the units from their major(s) or minor(s) to fulfil this requirement); and 12 credit points of 1000-level science elective units of study (excluding units listed as mathematics degree core) as set out in Table A (candidates may count the units from their major(s) or minor(s) to fulfil this requirement); and

(ii) A major (48 credit points) or program defined in Section 7 below and listed in Table A; and

(iii) A minor (36 credit points) or second major (48 credit points) as defined in Section 7 below and listed in Table A or Table S; and

(iv) 12 credit points of units of study in the Open Learning Environment as listed in Table O; and

(v) 6 credit points of foundational knowledge units of study for dentistry selected from BIOL1XX3, or BIOL1XX6, or BIOL1XX7 or BIOL1XX8 and one zero credit point unit of study (SDDP1011); and

(vi) Where appropriate, elective units from Table A and Table S; and

(vii) If enrolled in the Dalyell stream, complete the requirements for the stream as specified in Table A or Table S.

(b) 192 credit points to qualify for the award of the Doctor of Dental Medicine as specified in the resolutions for the Doctor of Dental Medicine.

7 Programs, majors and minors

(1) Completion of a major from Table A for the Bachelor of Science is a requirement for this double degree.

(2) Completion of a minor or second major from Table A or Table S is a requirement for this double degree.

(3) Candidates have the option of completing a program with an embedded major from Table A of up to 72 credit points.

(4) The programs and majors available as first majors in the Bachelor of Science are as specified in the resolutions for the Bachelor of Science, Bachelor of Science/Bachelor of Advanced Studies and in Table A.

(5) The minors and majors available as second majors in the Bachelor of Science are as specified in Table A and Table S.

8 Progression rules

(1) Progression within the Bachelor of Science

(a) Candidates must complete all requirements for the degree of Bachelor of Science, including the designated

foundational knowledge units of study for dentistry offered by the Faculty of Science specified in 6 (3) (a) (v), within three years (or four years if candidates take an embedded honours component through the Bachelor of Advanced Studies), excluding any authorised periods of suspension.

(b) Candidates must achieve a Weighted Average Mark of at least 65.0 in each year of study for each 48 credit point block in the Bachelor of Science to continue in the double degree, this being the minimum achievement required for admission to candidature for the Doctor of Dental Medicine.

(c) Failure to maintain the minimum progression requirements will result in candidates being transferred from the double degree program to a Bachelor of Science degree with full credit for all units of study successfully completed.

(2) Progression within the Dalyell Stream

(a) With the permission of the Dalyell coordinator, candidates in the Dalyell Stream may attempt units of study at higher levels than the usual sequence.

(b) Candidates must achieve a WAM at a level determined by the Board of Interdisciplinary Studies in each year of study to continue in the Dalyell Stream. Candidates who do not maintain this WAM at the level determined by the Board of Interdisciplinary Studies may continue in the Bachelor of Science component of the double degree but will not remain in the Dalyell Stream.

(3) Progression within the Doctor of Dental Medicine

(a) Progression within the Doctor of Dental Medicine is as specified in the resolutions for the Doctor of Dental Medicine.

9 Requirements for award with Honours

(1) Honours in the Bachelor of Science is available to meritorious candidates who have completed requirements for the Bachelor of Science degree, by suspending candidature, with the permission of the Faculty of Science and Faculty of Dentistry, in the double degree for one year, enrolling in the Bachelor of Advanced Studies and taking an embedded honours component in an additional year of full time study.

(2) The grade of honours in the Bachelor of Advanced Studies will be determined by an honours mark calculated from work in the embedded honours component as specified in Table A and the Resolutions of the Faculty of Science.

10 Award of the degrees

(1) The Bachelor of Science is awarded at Pass level. Honours in science is taken by enrolling in the Bachelor of Advanced Studies and completing an embedded honours component.

(2) Candidates who attempt the Bachelor of Science with an embedded honours component in the Bachelor of Advanced Studies who do not meet the requirements for honours but who meet the requirement for the pass degree, may be awarded the relevant degree or degrees at pass level for which they fulfil requirements.

(3) Candidates who attempt the Bachelor of Science with an embedded honours component in the Bachelor of Advanced Studies who do not meet the requirements for honours but who meet the requirement for the pass degree, may be awarded the relevant degree or combined degree at pass level for which they fulfil requirements.

(4) The Doctor of Dental Medicine is awarded as a Pass grade.

11 Cross-institutional study

Cross institutional study is not available in this double degree course.

12 International exchange

The Faculty of Science encourages candidates in this course to participate in international exchange programs as set out in the Resolutions of the Faculty of Science provided that the progression requirements and timelines in Section 8 of these resolutions can be met.

13 Course Transfer

(1) A candidate may abandon the double degree program and elect to complete the Bachelor of Science in accordance with the resolutions governing that degree. Completion of the Doctor of Dental Medicine in the future will require a new application for admission to that course and completion in accordance with the resolutions governing that degree.

(2) With the permission of the Faculty of Science and the Faculty of Dentistry, suitably qualified candidates may, after completing requirements for the Bachelor of Science, defer progression to the Doctor of Dental Medicine and undertake an embedded honours component in the Bachelor of Advanced Studies and then, upon completion of the Bachelor of Advanced Studies, continue to the Doctor of Dental Medicine.

(3) A candidate who has suspended enrolment in the double degree program to enrol in the Bachelor of Advanced Studies to complete requirements of honours or a stream may, with the permission of the Faculty of Science and the Faculty of Dentistry, abandon the Bachelor of Advanced Studies and enrol in the Doctor of Dental Medicine.

14 Credit for previous study

It is not possible for candidates enrolled in the Bachelor of Science/ Doctor of Dental Medicine to obtain credit for previous studies.

15 Transitional provisions

(1) These resolutions apply to candidates who commenced their candidature after 1 January 2018 who are not seeking credit for prior study and candidates who commenced their candidature prior to 1 January 2018 who elect to proceed under these resolutions.

(2) Candidates who commenced their candidature prior to 1 January 2018 who elect to transfer and proceed under these resolutions, should note that the University does not undertake to offer 4000 level honours units of study in the Bachelor of Advanced Studies degree prior to 2020, nor 2000 or 3000 level units of study prior to 2019 and that it may not be possible to complete requirements for the Bachelor of Advanced Studies before the end of Semester 2 2020 or the Bachelor of Science component of the double degree before the end of Semester 2 2019.

(3) Candidates who commenced their candidature prior to 1 January 2018 may complete the requirements in accordance with the resolutions in force at the time of their commencement.

Population Oral Health

Overview

(Students apply through School of Public Health, Sydney Medical School)

Candidates wishing to pursue a program in Population Oral Health begin by completing the Master of Public Health (MPH) or the Master of International Public Health (MIPH) degree through the School of Public Health, Faculty of Medicine (see sydney.edu.au/medicine/public-health/).

Students must include in their degree the three dental elective units of study listed. Upon successful completion of the MPH or MIPH, students may then be able to proceed to study a research degree that will fulfil the requirement of specialisation by the Australian Dental Board.

Further information

For further information about this program see the Faculty of Dentistry website at: sydney.edu.au/dentistry/student/postgrad.php

Information about this program can also be found in Sydney Medical School handbook.

Table of units of study: Population Oral Health

Unit of study	*Credit points*	*A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition*	*Session*
DENT5013 Preventative Dentistry	6	**P** PUBH5018, PUBH5010	Semester 2
DENT5014 Dental Health Services	6	**P** PUBH5018, PUBH5010	Semester 2
DENT5015 Population Oral Health	6	**P** PUBH5010 or CEPI5100 or SUST5004	Semester 2

Unit of study descriptions

DENT5013
Preventative Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Hayley Dixon and Dr Andrea Lenard **Session:** Semester 2 **Classes:** 7 x 2 hr workshop/tutorial sessions. **Prerequisites:** PUBH5018, PUBH5010 **Assessment:** Individual written assignments (70%), tutorial discussion and group-work participation (30%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

Dental disease remains prevalent in Australia. The AIHW reports that in 2010, 55% of 6 year olds; 48% of 12 year olds in their deciduous and permanent dentitions, respectively.

The burden of this disease is significant and falls inequitably on those who are the most socially disadvantaged and those least able to access expensive treatment.

The most ethical and cost-effective manner of addressing oral disease is through preventative dental care.

To that end, this unit of study will permit post-graduate students with pre-existing oral health education to gain an advanced understanding of the factors that place an individual at risk of dental disease, including dental caries, oral cancer and periodontal disease. Students will examine the impact of such disease through a public health lens.

Students will also learn the theoretical basis for preventative dental care and how this knowledge may be applied for population-level effect.

Particular emphasis will be placed on the Australian context.

The ability to source and identify high-quality information is key to the practice of public health. As such, students will learn how to search and critically analyse the dental evidence base in order to identify robust material.

The course may also be suitable for other MPH and MIPH students who wish to obtain an understanding of oral health disease prevention and oral health promotion.

Teaching in this topic will draw on the expertise of public health academics and clinical oral health professionals.

improvement through effective oral health promotion strategies.

Textbooks

Textbook:
Fejerskov O, Kidd E (Editors), Nyvad B, Baelum V. Dental caries: the disease and its clinical management.Oxford: Blackwell Munksgaard, 2008.
Burt BA, Eklund SA. Dentistry, dental practice, and the community, 6th edition. St Louis Missouri: Elsevier Saunders, 2005.
Murray JJ, Nunn JH, Steele JG (Editors). Prevention of oral disease, 4th edition. Oxford: Oxford University Press, 2003.
Nutbeam D, Harris E. Theory in a nutshell - A practical guide to health promotion theories, 2nd edition. Sydney: McGraw-Hill, 2005.
Lindhe J, Lang NP. Clinical Periodontology and Implant Dentistry, 6th edition. New Jersey: Wiley- Blackwell, 2015.
Werning JW. Oral Cancer: Diagnosis, Management, and Rehabilitation, 1st Edition. New York: Thieme, 2007.

DENT5014
Dental Health Services

Credit points: 6 **Teacher/Coordinator:** Dr Andrea Lenard **Session:** Semester 2 **Classes:** One 2 hour (maximum) session fortnightly in Semester Two. Sessions will consist of a combined tutorial/workshop format. It is recommended that students will need to dedicate 2-3 hours per week to cover essential reading and preparation for fortnightly sessions for successful completion of the course, excluding preparation time for course assessment. **Prerequisites:** PUBH5018, PUBH5010 **Assessment:** Working shop participation (20%), Assignment 1 (25%), Assignment 2(40%), quiz(15%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

This unit of study provides students with an appreciation of the role and scope of oral health services within the Australian health care system by offering both foundational and applied knowledge required for analysis and evaluation of oral health service delivery. On the completion of this unit of study, students will understand the underpinning principles that contextualise primary oral health care; identify and articulate the socioeconomic and socio-political determinants that impact on the delivery and management of oral health services; and to critically evaluate the appropriateness of existing and proposed oral health services and programs for different population groups

Textbooks

LIN, V, SMITH, J and FAWKES, S 2014, Public health practice in Australia: the organised effort, 2nd edn, Allen and Unwin, Crows Nest, New South Wales

Additional Resource:
Australian Institute of Health and Welfare 2016, Oral health and dental care in Australia: Key facts and figures 2015, AIHW, Canberra, available from www.aihw.gov.au/WorkArea/DownloadAsset.aspx?id=60129554609

DENT5015
Population Oral Health

Credit points: 6 **Teacher/Coordinator:** Dr Alex Holden **Session:** Semester 2 **Classes:** 30hrs consisting of 10x(1hr lecture/seminar and 2hr tutorial) **Prerequisites:** PUBH5010 or CEPI5100 or SUST5004 **Assessment:** individual written assignments (80%), tutorial discussion and group-work participation (20%) **Mode of delivery:** Normal (lecture/lab/tutorial) day

To provide students with sufficient background and appreciation of the importance of population oral health and to provide them with the opportunity to develop skills and acquire essential knowledge in this field for the effective practice of population oral health. This unit focuses on the determinants of oral health and the importance of upstream measures to attack the root cause of oral diseases and the planning, implementing and evaluating of these approaches. The following topics will be covered: principles of population health approach, planning and policy framework for population oral health, the changing profile oral health and patterns of oral health care; water fluoridation (including legislation, benefits/risks, the politics of fluoridation, the arguments for and against water fluoridation, how to respond to antifluoridationists; how to promote and extend water fluoridation,), overview of policies and initiatives regarding dental services - the example of New South Wales; and oral health workforce and emerging workforce issues. On the completion of this unit of study students should be able to demonstrate ability to design/develop, implement and evaluate population based oral health programs to improve overall oral health and reduce inequalities in oral health.

Textbooks

Recommended Reading:
Rose G. The strategy of preventive medicine. Oxford, England: Oxford University Press, 1992;
World Health Organisation. Global Strategy for the Prevention and Control of Non-Communicable Diseases. Geneva: WH0, 2000;
Wilkinson R, Marmot M,eds. Social Determinants of Health - The Solid Facts. 2nd eds. World Health Organisation,2003;
Sheiham A. Improving Oral Health for All; Focusing on Determinants and Conditions. Health Educ J 2000; 59:351-63;
Watt RG. From Victim Blaming to Upstream Action: Tackling the Social Determinants of Oral Health Inequalities. Community Dent Oral Epidemiol. 2007; 35:1-11;
Eckersley R, Dixon JM, Dixon J, Douglas B, Matheson Douglas R. The social origins of health and well-being. Cambridge, England: Cambridge University Press, 2001
What options do we have for organising, providing and funding better public dental care?
Australian Health Policy Institute. Commissioned Paper Series 2001/02. Available at:
http://www.menzieshealthpolicy.edu.au/other_tops/pdfs_hpa/optionspaper.pdf
Slade GD, Spencer AJ, Roberts-Thomson KF, editors. Australia's dental generations: the National Survey of Adult Oral Health 2004-06. AIHW cat. no. DEN 165. Canberra: Australian Institute of Health and Welfare (Dental Statistics and Research Series No. 34), 2007.

Postgraduate research

Doctor of Dental Science
(DDSc) EA000

Doctor of Philosophy
(PhD) EB000 or RPPHDDNT1000

Master of Philosophy
(MPhil) EC081 or RMPHLDNT1000

What is a research degree?

Research degrees are very different from coursework degrees in that the majority of work is self-directed study with supervision by a group of academics, working on a project that aims to make an original contribution to knowledge. Some degrees require a limited amount of coursework, but at least two thirds of the degree must be by research for the degree to be considered a higher degree by research.

Apart from any required coursework, the assessment of a research degree is through the examination of a thesis written by the student. The thesis is sent to a group of examiners and their recommendations form the basis for the outcome of the examination.

The three research degrees currently offered by the Faculty of Dentistry are the Master of Philosophy, the Doctor of Philosophy and the Doctor of Dental Science.

Governance, including the resolutions, or reference to where the resolutions for the postgraduate degrees by research can be found, are covered in this chapter. The information in this chapter provides a summary and is subordinate to the provisions of relevant degree resolutions.

Financial information about research degrees

Domestic students enrolled in the research degree programs such as the PhD or MPhil are financially covered under the Research Training Scheme (RTS) and are fee and HECS exempt provided these degrees are completed within a prescribed timeframe – eight (8) full-time semesters for a PhD and four (4) full-time semesters for a MPhil or their part-time equivalents (16 semesters and 8 semesters respectively). Students will be required to pay the University's Student Union Fees upon enrolment.

International students enrolled in research degree programs are required to pay up-front tuition fees to the University.

There are a number of scholarships available for domestic students to assist with living costs, and a limited number for international students.

Information about University-wide scholarships for domestic and international students can be found at sydney.edu.au/scholarships/research

The scholarships database at www.jason.edu.au also provides information on scholarships for both domestic and international students.

Further information for research students

Research support information relevant to research students can be found on The University Research Office Research Support website at sydney.edu.au/research_support/students/

Theses: production and examination

Before commencing writing up their thesis, students are strongly urged to read *The Thesis Guide* published by the Sydney University Postgraduate Representative Association (SUPRA), which can be found on the SUPRA website www.supra.net.au/supra_publications.html.

Details on submitting a thesis for research degrees other than the DDSc can be found on the Faculty of Medicine's website sydney.edu.au/medicine/current-students/essential-information/research-students/submit-thesis.php

This website covers such information as options for thesis submission, timing of thesis submission, selection of examiners, types of thesis examination, preparing for submission of the thesis, the examination process, possible examination outcomes, appeals, deferment of public availability of theses, submission of corrected thesis and continuation of borrowing privileges after submission of the thesis.

Doctor of Dental Science

(DDSc) EA000 or RHDENSCI1000

Overview

The Doctor of Dental Science (DDSc) is a higher doctorate, awarded by published work which, in the opinion of examiners and the Faculty of Dentistry, has been generally recognised by scholars in the particular field of expertise as a distinguished contribution to knowledge.

The DDSc, unlike the Doctor of Philosophy (PhD), is not a research training degree. It may be described as an award that one would receive at the end of one's career, rather than the beginning, for an outstanding contribution to knowledge.

Eligibility

To be eligible for admission, the applicant must:

- hold a degree from the University that was conferred five or more years prior to the application date; or
- hold a degree from another university or institution that was conferred five or more years prior to the application date; or
- have qualifications that were conferred five or more years prior to the application date and standing that are determined by the faculty and by the Graduate Studies Committee to be equivalent to holding a degree from the University; and
- hold or have completed all the academic requirements for the award of the Bachelor of Dental Surgery.

To be eligible for admission to candidature, an applicant who does not meet the requirements above must:

- have been a full-time member of the academic staff of the University for at least three years (or pro-rata part-time); or
- be recognised by the Academic Board, on the recommendation of the Dean, to have been involved in the teaching and research of the University to an equivalent level; or
- be recognised by the faculty and the Graduate Studies Committee to have equivalent academic standing.

Published works

Published work submitted for examination may be regarded as a distinguished contribution to knowledge if:

- it represents a significant advance in knowledge in its chosen field, or
- it has given rise to or is a major part of a significant debate in scholarly books and journals among recognised scholars in its chosen field, or
- it has directly given rise to significant changes in the direction of research or of practice of a newer generation of recognised scholars in its chosen field.

There is no set number of publications an applicant must have to be awarded the degree. The Assessment Committee and the Examiners will be asked to judge the work on its quality and based on the criteria stated above, rather than on the quantity of the papers.

Further information

Information can be requested from: Higher Degree by Research Administration Centre (HDRAC)

The Rules governing Higher Doctorates, University of Sydney (Higher Degree by Research) Rule 2011) (HDR), are found in Policy Online under - Studying at Sydney.

Doctor of Philosophy

(PhD(Dentistry)) EB000 or RPPHDDNT1000

Overview

The Doctor of Philosophy (PhD) is a research degree in which students undertake supervised research leading to the production of a thesis.

The PhD in the Faculty of Dentistry is aimed at those who intend to pursue research careers in oral health care or a related field.

Fields of study include:

- Dental Material Science - RPPHDDMS1000
- Endodontics - RPPHDEND1000
- Fixed Prosthodontics - RPPHDFXP1000
- Occlusion - RPPHDOCL1000
- Oral Medicine and Oral Pathology - RPPHDOMP1000
- Oral and Maxiofacial Surgery - RPPHDOMS1000
- Oral Biology - RPPHDORB1000
- Orthodontics - RPPHDORD1000
- Paediatric Dentistry - RPPHDPAD1000
- Periodontics - RPPHDPER1000
- Public Health Dentistry - RPPHDPHD1000
- Removable Prosthodontics - RPPHDRPR1000
- Tooth Conservation - RPPHDTOC1000

The Rules governing the degree of Doctor of Philosophy are the University of Sydney (Higher Degree by Research) Rule 2011) and the Thesis and Examination of Higher Degree by Research Policy 2015.

The most recent versions of these rules are found the Policy Register sydney.edu.au/policies.

Master of Philosophy

(MPhil) RMPHLDNT1000

Overview

The MPhil is a research degree and is aimed at those who intend to pursue research careers in oral health or a related field or who wish to upgrade their qualifications to give them a competitive edge in their employment by demonstrating superior ability and some research experience. It may also be used as a stepping stone to commencing a Doctor of Philosophy (PhD).

The MPhil is a research degree in which students undertake supervised research leading to the production of a thesis. The word limit for a thesis submitted to the Faculty of Dentistry is 80,000 words. MPhil students may be required to attend classes or undertake coursework units of study, and the thesis is the only or major examinable assessment requirement for the degree.

Course rules

Master of Philosophy

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2014 (the 'Coursework Rule'), the Coursework Policy 2014, the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended), the Academic Honesty in Coursework Policy 2015 and the Academic Honesty Procedures 2016. Up to date versions of all such documents are available from the Policy Register: http://sydney.edu.au/policies.

Course resolutions

Part 1: Preliminary

1 Course codes

Code	Course title
RMPHLDNT-01	Master of Philosophy

Part 2: Admission requirements

2 Eligibility for admission to candidature

(1) To be eligible to be admitted to candidature by the Dean or Associate Dean, an applicant must hold or have completed the requirements for a bachelor's degree from the University of Sydney, in a subject area related to the proposed course of advanced study and research, with -

(a) Honours; or

(b) a result of at least a Credit grade in the highest, relevant unit of study.

(2) The Dean or Associate Dean may admit to candidature an applicant who does not meet the requirements of sub-clause (1), provided that the applicant holds a qualification or qualifications that, in the opinion of the Combined Board of Postgraduate Studies are equivalent to those prescribed in sub-clause (1).

3 Application for admission to candidature

(1) An applicant for admission to candidature must submit to the Faculty:

(a) satisfactory evidence of the applicant's eligibility for admission;

(b) a proposed course of research and advanced study, approved by the Head of the Discipline in which the work is to be undertaken; and

(c) a statement certifying the applicant's understanding that, subject to the HDR Rule, if the candidature is successful, his or her thesis will be lodged with the University Librarian and made available for immediate public use.

(2) In addition, an applicant for admission to part-time candidature must submit a statement that he or she will have sufficient time available to complete the requirements of the degree in accordance with these resolutions.

4 Credit transfer

The HDR Rule specifies the conditions for the granting of credit for previous studies, including the effect on completion times.

Part 3: Candidature

5 Appointment of supervisor

The Head of Discipline will appoint a supervisor and associate supervisor for each candidate in accordance with the HDR Rule and Academic Board policies for postgraduate research higher degree supervision.

6 Control of candidature

The HDR Rule specifies the conditions for the control of candidature by the University.

7 Location of candidature and attendance

The HDR Rule specifies the conditions for the location of candidature and attendance by candidates at the University.

Part 4: Requirements

8 Degree requirements

(1) To satisfy the requirements of the degree candidates must:

(a) complete any specified probationary requirements;

(b) complete prescribed units of study;

(c) conduct research on the approved topic; and

(d) write a thesis embodying the results of the research.

9 The thesis

(1) A candidate shall produce a thesis that meets the requirements specified in the HDR Rule.

(2) The thesis will be in the range of 40,000 to 80,000 words.

Part 5: Enrolment and progression

10 Probation

(1) A candidate is normally accepted for candidature on a probationary basis for a period not exceeding one year according to the provisions of the HDR Rule.

(2) In the probationary period each candidate must:

(a) complete a 6 credit point research methods unit of study as required by the Head of Discipline;

(b) develop and present a refined research proposal to the satisfaction of the Supervisor and Head of Discipline; and
(c) demonstrate adequate English language competency for the completion of the degree.

11 Time limits, earliest and latest submission dates

The HDR Rule specifies the allowable completion times and submission dates available for full- and part-time candidates in this course.

12 Mode of attendance

The attendance pattern for this course is full-time or part-time according to candidate choice. Visa requirements commonly restrict international students to full-time study only.

13 Discontinuation of candidature

A candidate may discontinue enrolment in a unit of study or the degree subject to the conditions specified by the HDR Rule.

14 Suspension of candidature

(1) A candidate may suspend enrolment from the degree subject to the conditions specified by the HDR Rule, except that:
(a) the application must be received by the Faculty prior to the commencement of the relevant semester;
(b) a candidate may only apply for a period of suspension of one semester at any one time, and should the candidate wish to suspend for more than one semester another application must be made to the Faculty for each subsequent semester prior to the commencement of that relevant semester; and
(c) late applications may be considered at the Faculty's discretion.

15 Leave of absence

A candidate may take leave of absence from the degree subject to the conditions specified by the HDR Rule.

16 Progress

A candidate is required to maintain satisfactory progress towards the timely completion of the degree. Progress will be reviewed annually according to the provisions of the HDR Rule.

Part 6: Examination

17 Examination of the thesis

Examination of the thesis will be conducted in general accordance with standards prescribed by Academic Board for the Doctor of Philosophy, except that:
(a) three copies of the thesis shall be submitted by the candidate;
(b) two examiners will be appointed by the Faculty, at least one of whom shall be external to the University and not a clinical academic title-holder of the Faculty; and
(c) the Joint Board of Postgraduate Studies in Dentistry, Medicine and Pharmacy will act in place of the PhD Award Sub-Committee.

18 Award of the degree

The thesis will be graded by the examiners and the thesis grade will be recorded on the academic transcript.

Part 7: Other

19 Transitional provisions

(1) These course resolutions apply to students who commenced their candidature after 1 January, 2017 and students who commenced their candidature prior to 1 January, 2017 who elect to proceed under these resolutions.
(2) Candidates who commenced prior to 1 January, 2017 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed within the time limits specified in those resolutions. The Dean or Associate Dean may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

Resolutions of the Senate

Resolutions of the Senate

1 Degrees, diplomas and certificates of the Faculty of Dentistry

(1) With the exception of the Doctor of Dental Science and the Doctor of Philosophy, the Senate, by authority of the University of Sydney Act 1989 (as amended), provides and confers the following degrees, diplomas and certificates, according to the rules specified by the Faculty of Dentistry. The Doctor of Dental Science and the Doctor of Philosophy are provided and conferred according to the rules specified by the Senate and the Academic Board.

(2) This list is amended with effect from 1 January, 2014. Degrees, diplomas and certificates no longer open for admission will be conferred by the Senate according to the rules specified by the Faculty at the time.

2 Degrees

Code	Course title and streams	Abbreviation	Credit points
RHDENSCI-01	Doctor of Dental Science	DDSc	Published Work
RPPHDDNT-01	Doctor of Philosophy	PhD	Research
RMPHLDNT-01	Master of Philosophy	MPhil(Dent)	Research
RMSCDENT-01	Master of Science in Dentistry (admission suspended)	MScDent	Research
	Doctor of Clinical Dentistry		
TCCLDOMP-01	Oral Medicine	DClinDent	144
TCCLDORD-01	Orthodontics	DClinDent	144
TCCLDPAD-01	Paediatric Dentistry	DClinDent	144
TCCLDPER-01	Periodontics	DClinDent	144
TCCLDPRO-01	Prosthodontics	DClinDent	144
TCCLDSCD-01	Special Needs Dentistry	DClinDent	144
TCCLDORS-01	Oral Surgery	DClinDent	144
MADNTLMD-01	Doctor of Dental Medicine	DMD	192
BGDENTIS-01	Bachelor of Dentistry^	BDent	192
BUORAHEA-01	Bachelor of Oral Health	BOH	144

^may be awarded with honours in an integrated program.

3 Graduate diplomas

Code	Course title and streams	Abbreviation	Credit points
	Graduate Diploma in Clinical Dentistry		
GNCLDCHH-01	Child Health	GradDipClinDent	48
GNCLDCSP-01	Conscious Sedation and Pain Control	GradDipClinDent	48
GNCLDHOD-01	Hospital Dentistry	GradDipClinDent	48
GNCLDOBI-01	Oral Biology	GradDipClinDent	48
GNCLDOIM-01	Oral Implants	GradDipClinDent	48
GNCLDARE-01	Advanced Restorative	GradDipClinDent	48
GNCLDTOM-01	Tooth Mechanics	GradDipClinDent	48
GNCLDSUD-01	Surgical Dentistry	GradDipClinDent	48

4 Graduate certificates

Code	Course title and streams	Abbreviation	Credit points
	Graduate Certificate in Clinical Dentistry		
GCCLDCHH-01	Child Health	GradCertClinDent	24
GCCLDHOD-01	Hospital Dentistry	GradCertClinDent	24
GCCLDOBI-01	Oral Biology	GradCertClinDent	24
GCCLDARE-01	Advanced Restorative	GradCertClinDent	24
GCCLDORR-01	Oral Rehabilitation	GradCertClinDent	24
GCCLDSUD-01	Surgical Dentistry	GradCertClinDent	24
GCCLDTOM-01	Tooth Mechanics	GradCertClinDent	24

Resolutions of the Faculty

Please note

The following resolutions are published suject to final approval by the Academic Board on 28 November 2018

Resolutions of the Faculty of Dentistry for coursework awards

These resolutions apply to all undergraduate and postgraduate coursework award courses in the Faculty, unless specifically indicated otherwise. Students enrolled in postgraduate research awards should consult the resolutions for their course. These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2014 (the 'Coursework Rule'), the Coursework Policy 2014, the Resolutions of the School, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended), the Academic Honesty in Coursework Policy 2015 and the Academic Honesty Procedures 2016. Up to date versions of all such documents are available from the Policy Register: http://sydney.edu.au/policies.

Part 1: Course enrolment

1 Enrolment restrictions

Students are only permitted to enrol for the units of study specified for each semester of their program of study.

2 Time limits

(1) The Coursework Rule defines the maximum time limits, and how time limits are affected by periods of suspension or absence.

3 Suspension, discontinuation and lapse of candidature

(1) The Coursework Rule and Coursework Policy specify the conditions for suspending or discontinuing candidature, and return to candidature after these events.

4 Credit for previous study

Credit for previous study may be granted for the Bachelor of Oral Health degree. Refer to the specific resolutions for the Bachelor of Oral Health.

Part 2: Unit of study enrolment

5 Cross institutional study

Cross institutional study is not permitted by the Faculty of Dentistry.

6 International exchange

International exchange is not permitted by the Faculty of Dentistry.

Part 3: Studying and Assessment

7 Attendance

(1) Students are required to be in attendance at the correct time and place of any formal or informal examinations. Non attendance on any grounds insufficient to claim special consideration will result in the forfeiture of marks associated with the assessment. Participation in a minimum number of assessment items may be a requirement of any unit of study.

(2) Students are expected to attend a minimum of 90 percent of timetabled activities for each component of a unit of study. The Dean or academic staff member most concerned may determine that a student fails a unit of study due to inadequate attendance.

8 Late submission penalty

(1) It is expected that unless an application for an extension or special consideration has been approved, students will make submissions for a unit of study on the due date specified. Submissions may include assignments, application forms or log books. If the submission is made by the student within a period of approved extension, no academic penalty will be applied.

(2) Late assignments that have not been granted extensions will attract a penalty of 5 percent of the maximum mark each day they are late, except week ends and public holidays.

9 Special consideration for illness, injury or misadventure

Special consideration is a process that affords equal opportunity to students who have experienced circumstances that adversely impact their ability to adequately complete an assessment task in a unit of study. The Coursework Policy 2014 and Assessment Procedures 2011 provide full details.

10 Re-assessment

In this Faculty, opportunities for re-assessment are offered to students on the grounds as stated in the Faculty of Dentistry - Assessment Provision 2017.

Part 4: Progression, Results and Graduation

11 Satisfactory progress

The Faculty will monitor students for satisfactory progress towards the completion of their award course in accordance with the Coursework Policy 2014. In addition to the common triggers used to identify students not meeting academic progression requirements (as defined by the progression requirements of the Coursework Policy 2014), students must meet any other requirements specified in the course resolutions as being critical to progression through the course.

12 Weighted Average Mark (WAM)

(1) The University uses the following formula for calculating the WAM. WAMs are used by the University as one indicator of performance. For example, WAMs can be used in assessing admission to and award of honours, eligibility for prizes and scholarships, or assessing progression through a course.

$$WAM = \frac{Sum(Wc \times Mc)}{Sum(Wc)}$$

(2) Where Wc is the unit of study credit points x the unit weighting and Mc is the mark achieved for the unit. Pass/fail units and credited units from other institutions are not counted.

(3) The weight of a unit of study is assigned by the owning faculty. In the Faculty of Dentistry, all units carry a weighting value of one.

Part 5: Other

13 Special permission

These resolutions apply to all students enrolled in programs of study in the Faculty of Dentistry. However, in exceptional circumstances and at the Dean's discretion, some exemptions may be permitted.

14 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2018 and students who commenced their candidature prior to 1 January, 2018, who elect to proceed under these resolutions.

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