



THE UNIVERSITY OF
SYDNEY

FACULTY OF DENTISTRY HANDBOOK 2011

Handbooks online: sydney.edu.au/handbooks

Acknowledgements



The Arms of the University

Sidere mens eadem mutato

Though the constellations change, the mind is universal

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sydney.edu.au/handbooks
sydney.edu.au/calendar

Amendments

All authorised amendments to this handbook can be found at sydney.edu.au/handbooks/handbooks_admin/updates2011

Resolutions

The Coursework Clause

Resolutions must be read in conjunction with the *University of Sydney (Coursework) Rule 2000 (as amended)*, which sets out the requirements for all undergraduate courses, and the relevant resolutions of the Senate.

The Research Clause

All postgraduate research courses must be read in conjunction with the relevant rules and resolutions of the Senate and Academic Board, including but not limited to:

1. The *University of Sydney (Amendment Act) Rule 1999 (as amended)*.
2. The *University of Sydney (Doctor of Philosophy (PhD)) Rule 2004*.
3. The resolutions of the Academic Board relating to the Examination Procedure for the Degree of Doctor of Philosophy.
4. The relevant faculty resolutions.

Disclaimers

1. The material in this handbook may contain references to persons who are deceased.
2. The information in this handbook was as accurate as possible at the time of printing. The University reserves the right to make changes to the information in this handbook, including prerequisites for units of study, as appropriate. Students should check with faculties for current, detailed information regarding units of study.

Price

The price of this handbook can be found on the back cover and is in Australian dollars. The price includes GST.

Handbook availability

Handbooks are available as a website, PDF download and print on demand. See the handbooks website at sydney.edu.au/handbooks for more information.

Production

Web and Print Production Website: sydney.edu.au/web_print

Printing

SOS Print and Media

Handbook enquiries

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CRICOS Provider Code 00026A

ISSN: 1834-9544



Important dates

University semester and vacation dates for 2011

Summer/Winter School lectures	Dates
Summer School - December program	Begins: Monday 6 December 2010
Summer School - main program	Begins: Tuesday 4 January 2011
Summer School - late January program	Begins: Monday 17 January
Winter School - main program	Begins: Monday 27 June
Semester One	Dates
International student orientation (Semester One) - STABEX	Monday 14 February and Tuesday 15 February
International student orientation (Semester One) - full degree	Wednesday 16 February and Thursday 18 February
Lectures begin	Monday 28 February
AVCC Common Week/non-teaching Easter period	Friday 22 April to Friday 29 April
International application deadline (Semester Two) *	Thursday 29 April *
Last day of lectures	Friday 3 June
Study vacation	Monday 6 June to Friday 10 June
Examination period	Tuesday 14 June to Saturday 25 June
Semester ends	Saturday 25 June
AVCC Common Week/non-teaching period	Monday 4 July to Friday 8 July
Semester Two	Dates
International student orientation (Semester Two) - STABEX	Monday 18 July and Tuesday 19 July
International student orientation (Semester Two) - full degree	Wednesday 21 July and Thursday 22 July
Lectures begin	Monday 25 July
AVCC Common Week/non-teaching period	Monday 26 September to Friday 30 September
Last day of lectures	Friday 28 October
International application deadline (for Semester One, 2011) *	Saturday 29 October *
Study vacation	Monday 31 October to Friday 4 November
Examination period	Monday 7 November to Saturday 19 November
Semester ends	Saturday 19 November

* Except for the faculties of Dentistry, Medicine and the Master of Pharmacy course. See www.acer.edu.au for details.

Last dates for withdrawal or discontinuation for 2011

Semester One- units of study	Dates
Last day to add a unit	Friday 11 March
Last day for withdrawal	Thursday 31 March
Last day to discontinue without failure (DNF)	Friday 15 April
Last to discontinue (Discontinued - Fail)	Friday 3 June
Semester Two- units of study	Dates
Last day to add a unit	Friday 5 August
Last day for withdrawal	Wednesday 31 August
Last day to discontinue without failure (DNF)	Friday 9 September
Last day to discontinue (Discontinued - Fail)	Friday 28 October
Last day to withdraw from a non-standard unit of study	Census date of the unit, which cannot be earlier than 20 per cent of the way through the period of time during which the unit is undertaken.
Public holidays	Dates
Australia Day	Wednesday 26 January
Good Friday	Friday 22 April
Easter Monday	Tuesday 26 April
Anzac Day	Monday 25 April
Queen's Birthday	Monday 13 June
Labour Day	Monday 3 October



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Welcome from the Dean



At the University of Sydney, we have been providing oral health education and training since 1901. Dentistry is part of Australia's most comprehensive group of health faculties – which also includes Medicine, Nursing and Midwifery, Pharmacy and Health 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. This underscores our purpose of an absolute commitment to the community's health through oral health education, training and intellectual discovery.

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 our faculty 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 in the community. The majority of our research is competitively funded through the NHMRC, ARC and Australian Dental Research Foundation, and we have strong links with the Institute for Dental Research at Westmead Centre for Oral Health. I encourage you to have a look at the research area of our website and contact our

research units 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 life-long learners committed to the highest professional and ethical standards. We work closely with the Faculty of Medicine and Faculty of Health Sciences in the delivery of our Oral Health and Dentistry degrees. Although our postgraduate education has a major focus on advancing skills for dentists, we also offer a unique opportunity for those interested in population oral health to enrol in a Public Health 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 every enquiring mind.

Whilst our most important assets and focus are our students, we could not achieve our purpose without our staff and 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 are part of one of Australia's leading universities that is committed to the pursuit of excellence and where the health faculties work closely together to meet the needs of Australia and beyond. We could not do what we do without our strong partnerships with the NSW Health Department, the Australian Dental Association and the dental industry. These partners provide us with expertise, practical insight and resources for our academic activities.

We look forward to you joining us whether it is as a student or staff member to help us achieve our purpose.

Professor Chris Peck
Dean



Bachelor of Dentistry

Overview

The degree of Bachelor of Dentistry prepares students for professional registration in order to practice dentistry on graduation. The program is designed to develop and enhance the skills, knowledge and professional behaviours of motivated and interested students.

Aims

The program aims to produce dentists who will:

- develop, and be committed to maintaining, the highest professional and ethical standards;
- develop the intellectual, technical and personal skills to practice effectively, rationally and compassionately;
- be responsive to the needs of individual patients and committed to improving oral health within the community;
- have a broad understanding of the relationship of general health, disability and illness to oral health and disease;
- develop skills to underpin life-long, self-directed professional learning and the application of evidence to rational decision-making;
- develop an appreciation of the role of research in dentistry and be able to contribute to leadership in clinical dental practice, research, education and community service.

Program Characteristics

Features of the curriculum include:

- development of dental skills from the first week and early patient contact
- an emphasis on effective communication and active learning
- an integrated understanding of medical and dental issues in health and disease
- learning based on clinical problems and emphasising clinical reasoning
- a team approach to learning and clinical work
- an evidence-based approach to practice
- encouragement and support for self-directed learning
- an emphasis on information literacy, and
- opportunities to learn in a range of dental practice settings, including rural placements.

In years 1 and 2, each week of learning is based on the presentation of a clinical problem which students address cooperatively in small groups.

Learning is integrated across dental and medical disciplines and between years; understanding and knowledge are built progressively in a relevant context. Students are challenged to identify key issues for learning and to seek out and share knowledge that will progress the group's collective understanding. In years 1 and 2 three tutorials will be held each week at the Sydney Dental Hospital. These tutorials form the basis of the students' learning.

The learning process provides the background necessary for reasoning through issues and applying knowledge to resolve clinical problems in practice. It is essential that students progress systematically to become independent learners. They must be able to evaluate their own strengths and weaknesses realistically, and to identify personal learning needs. Those skills underpin successful professional practice and life-long learning.

Most of the problems in the first two years are based on realistic medical problems that illustrate important scientific concepts in health and disease. The problems represent common situations, with an emphasis on those that are treatable or preventable, and are

constructed to stress diagnostic reasoning and scientific principles of management. In addition, each problem raises one or more issues of importance in practice: ethical, behavioral, social, and interpersonal. Some problems raise issues relating to the distribution of health care or to research. Each problem specifically encourages dental students to explore within their own groups the wider relevant implications of the problem.

On the Camperdown campus, most lectures and other laboratory sessions are shared with medical students. Some classes and seminars, however, are specifically designed for dental students. Four problems to be studied towards the end of second year focus explicitly on fundamental oral issues.

In the latter two years of the program, the problems will continue to be presented, but will be centered on more complex dental issues. They will however often involve medically-compromised patients as encountered in daily community or hospital practice, in order to reinforce and apply earlier learning.

High level communication and technical skills are essential for successful dental practice. For each week of the first two years, students attend the Sydney Dental Hospital for a busy clinical day. They consider relevant basic dental issues in a case-based context and learn many specific dental skills in the laboratory, in simulation and in the clinics. As a crucial part of professional training, students are encouraged to assess their own progress and to evaluate the work of their peers. As students progressively demonstrate basic proficiency, they move to the dental clinics to apply their skills.

Towards the end of the first year, and at the end of the second year, students attend Westmead Hospital and the Westmead Centre for Oral Health, maintaining the pattern of problem-based learning. The hospital experience will offer particular opportunities for students to gain experience in medical as well as in dental settings. Medical skills, including those essential for dealing with emergencies, will be taught in the Clinical Skills Centre at Westmead Hospital.

Small interactive tutorials and clinical teams are featured throughout the program, ensuring that students participate effectively and learn actively. The group work prepares students for working in dental teams or multi-disciplinary groups in practice.

Throughout the program, a new emphasis is placed on evidence-based practice. Students will learn the relevant basic skills in the context of the first two years, then progressively apply the skills of evaluation to issues of diagnosis and management relating to individual patients in practice settings.

The development of information literacy is seen as a crucial part of the preparation for modern professional practice. Attention is specifically directed at the acquisition and management of information.

Students will use information technology throughout the program:

- in problem-based learning tutorials as the weekly case is introduced and supported by relevant data and learning resources
- in self-study for reviewing the resources (including text and images) provided by the faculty
- for recording data and maintaining a personal casebook of patient records
- for retrieving, evaluating and appraising literature and patient records
- for communication between students and staff
- for the analysis of laboratory data, and
- in classes for the study of images and other materials.



Students will become sophisticated users of the technology through well-designed educational interfaces.

Assessment

Assessment has been designed for students to meet the goals of the program. By emphasising support for learning, the assessment system ensures that students achieve an acceptable level of competence in all three themes. A key concern is to encourage students to develop their ability to evaluate their own progress and learning needs - both academic and clinical - in preparation for a life-time of learning in professional practice. The emphasis is thus on ongoing formative assessment that provides appropriate, sensitive and timely feedback to individuals and groups but does not determine progression.

Three formative written assessments in Years 1 and 2 provide opportunities for students to review the knowledge gained to date. Questions are set in the context of clinical presentations, medical and dental. The formats and types of questions are similar to those ultimately used summatively which determine progression. Participation in formative assessments is compulsory, but the results remain the property of the students themselves. Students are thus encouraged to evaluate their own performance and seek help as appropriate.

The precise timing, nature and scope of both summative or barrier assessments and formative assessments are made explicit to all students at the beginning of each year. Up-to-date information is presented on Blackboard.

Detailed information about assessment can be found in the *Faculty of Dentistry Assessment and Progression Policy*

Principles

Assessments have been designed so as to:

- satisfy the curriculum objectives
- assess within themes on the basis of criteria that are explicit to students and staff
- foster and support clinical reasoning, dental clinical and communication skills, team-work and self-directed learning
- emphasise formative assessment so that individuals and groups are provided with high quality, regular and timely feedback on their progress and thus integrate assessment with learning
- acknowledge the different academic backgrounds of students, allowing two years for the development of knowledge and understanding particularly in the Life Sciences theme
- certify that students are competent in a range of skills at critical points in the program, using instruments with which the students have become familiar
- explicitly define the criteria to be met in order to achieve a result of Satisfactory.

Organisation

The program is integrated and designed to develop students' knowledge, skills and professionalism progressively over four years. In order to achieve those aims, four themes have been identified.

- *Life Sciences (LS)*
- *(Foundations of) Total Patient Care ((F)TPC)*
- *Personal and Professional Development (PPD)*
- *Dentist and the Community (D and C)*

These four themes provide the framework for the objectives of the program (see below), the development of the curriculum, and for assessment. The integrated nature of the curriculum means that every week some aspects from all themes will be discussed in tutorials, presented in lectures or specific theme sessions, or encountered in dental clinics, laboratories or simulations.

Themes

In order to progress and to graduate, students must demonstrate satisfactory performance in all themes. Because of the integrated nature of the program and the associated process of learning, neither exemptions nor advanced standing can be offered.

	(F)TPC	LS	DC	PPD
	The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.	The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.	The place of dentistry in health care, interactions with the community and dental public health issues.	The necessary personal and professional skills for effective and rewarding practice, including behaviours, productive teamwork, evidence-based decision making, self evaluation and life-long learning.
BDent 1 BDent 2	In Years 1 and 2, learning is integrated across all themes into blocks largely based on body systems, apart from the initial Foundation and the last Cancer blocks. The clinical problems to be studied are similar to those for the medical students except for three specifically oral problems in block 8B. All problems are designed to introduce the mechanisms of health and disease and to incorporate other theme-based issues. The oral relevance of the clinical problem is indicated on the web and included in tutorial discussion. In Years 1 and 2, the Total Patient Care theme is represented in the dental clinical and laboratory skills taught at one of the dental hospitals.			
BDent 3	In year 3, students are largely based at Westmead Centre for Oral Health (WCOH), with regular visits to the Sydney Dental Hospital (SDH) for participation in particular clinics. Students are engaged in providing comprehensive oral and dental patient care for the majority of their week. A clinical mentor is responsible for the supervision and management of a patient centered team comprising eight students from BDent 3 and 4. In this team, individual students, under supervision, provide diagnosis and management, appropriate to their level of skill and experience. Patient allocation and support is facilitated by a Student Clinical Manager at both WCOH and SDH. Students will be expected to provide dental care for a range of patients and to show evidence of participating in the management of patients requiring specialist care. Regular rostering of students in small groups to specialist clinical rotations, in the hospitals or in satellite clinics, occurs throughout the year. All students will be expected to maintain a Clinical Case Journal detailing the care provided for their patients assigned to them, including management by specialists and allied health workers. During this year students will also be able to choose whether they undertake the Honours or Elective Program.			
BDent 4	In year 4, students will be offered experiences in a wide range of clinics in the community, hospitals and in rural areas. A conference week at the end of the year requires students to prepare presentations on their research, electives or rural experiences. Professional seminars and preparation for practice will be included at that time. In BDent 3 and 4, clinical assessment assumes a large proportion of student progress and readiness for independent dental practice following graduation.			

Structure

The theme structure ensures that the students' knowledge and skills develop and build systematically over the four years in explicit domains. The relative contributions of the themes vary at different stages of the curriculum, with an initial focus on life sciences, early clinical experience and dental manipulative skills. Then follows a growing emphasis on clinical dental knowledge, skills and judgment as students manage individual patients in oral health care teams.

Students will progress educationally from lower order (reporting, describing) to higher order skills (analysing, evaluating and synthesising).

The program can be conceptualised as occurring in three broad phases:

- an introduction of 8 weeks – the foundation learning block that is preceded by an orientation week

- the body systems – the remainder of the first two years (62 weeks)
- dental clinical placements and rotations in a range of settings – the last two years.

Much of the first and second year materials are shared with the Sydney Medical School to provide an introduction for the dental students to basic and clinical sciences in a problem-based context. Most lectures and practicals on campus are offered to both groups, but specific sessions and practicals are designed specifically for the dental students. This strategy offers opportunities for educational innovations and collaborations by combining the skills and expertise of two health-related faculties.

Attendance at problem-based learning and clinical sessions is compulsory and attendance, participation, ethical and professional behaviour contribute to progressive assessment.

Curriculum blocks

The curriculum is arranged into blocks, following the organisational sequence of the program.

Year	Block	Topic	Description
BDent 1	1	Foundation studies (8 weeks)	This block introduces basic mechanisms in disease including fundamental microbiology, anatomy and pathology in considering several problems such as myocardial infarction, breast cancer, rubella and skin infection.
	FTPC	Normal Oral Health and Structure	This block introduces the dental and medical terminology used to describe oral and facial structures and their location in the body during clinical dental examination.
	2	Drug and alcohol/ Musculoskeletal Science (8 weeks)	Aspects of drug and alcohol use in health, for example tolerance and dependency, are the focus of this block. This block also presents principles of first aid, bone structure and healing and arthritis.
	FTPC	Recognising oral disease	This block will consider the signs of oral disease including anatomy and radiological imaging. The prevention, signs and symptoms of dental caries and of periodontal disease builds on basic knowledge about normal structures. Behavioural issues in communicating health information and behavioural change to create awareness of prevention are presented. The role of fluoride and implications of tooth loss are also presented.
3	Respiration (7 weeks)		This block covers the basic respiratory health concerns, such as asthma, interstitial lung disease, cystic fibrosis and pneumonia.
	FTPC	Introductory management of an Oral Disease	Early intervention and management of the effects of oral disease, dental caries and periodontal disease, are considered in this block. The block also introduces instrumentation in periodontal treatment and the principles of the restoration of tooth defects and loss of tooth structure.
	4	Haematology (5 weeks)	During this block the curriculum is concerned with haematological issues such as leucocyte function and conditions such as anaemia, thalassaemia and DVT.
	FTPC	Dental Materials and Technology	Material science in dentistry is introduced in this block supporting the role of materials in the replacing of lost tooth structure and in the management of lost teeth with removable prostheses. Chair-side implications of interviewing and management of gagging are also considered.
5	Cardiovascular sciences (6 weeks)		This block is concerned with cardiovascular health and disease, such as heart failure, hypertension and congenital heart disease.
	FTPC	Revision of Oral Structures	A revision of the anatomy and structure of oral tissues is presented in this block, recapitulating knowledge presented in block 1. A consideration of the implications of tooth loss is continued following on from block 4.
BDent 2	6	Neurosciences (10 weeks)	This block considers a range of neurological disorders and disease such as spinal injury, epilepsy, multiple sclerosis and spina bifida. The block also focuses on the visual system and on psychiatric concerns such as depression, dementia and schizophrenia.
	FTPC	Assessment of Dental Pain	The scope of this block is to provide an introduction to the clinical aspects of dental pain in both soft and hard tissues from assessment to initial management and prevention. The block starts by revising head and neck anatomy, particularly in relation to intra-oral local anaesthetics, leading into principles of pain management and exodontia.
7	Endocrine- nutrition- oral biosciences (8 weeks)		This block covers the endocrine disorders such as diabetes and thyrotoxicosis.
	FTPC	Restoration and occlusion	The dynamics and physiology of occlusion is introduced in this block providing the background and rationale for a form of occlusal therapy, the construction of an occlusal splint. Preliminary consideration of temporomandibular disorders and their prevention are also presented.
8	Renal- urology- caries (4 weeks)		This block considers renal and fluid balance in problems such as renal failure. The block also includes three oral health problems including herpes simplex, the microbiological basis of caries and the prevention and reduction of caries.
	FTPC	Growth and development, restoration	This block aims to introduce principles of craniofacial growth and development and to present principles of record collection and diagnosis in the developing dentition. Stages of psychological development as related to communication are introduced. Techniques of tooth conservation relative to the primary dentition are presented.
9	Gastroenterology and nutrition (6 weeks)		This block covers nutrition issues such as infant failure to thrive and gastroenterological disorders such as celiac disease.
	FTPC	Assessment, diagnosis and treatment planning	This block presents the principles of integrated clinical treatment planning for care of the dental patient. The multi-disciplinary approach to patient care starts with assessment and record taking and interpretation followed by diagnosis and construction of treatment plan options.
10A	Oncology and palliative care		Aspects of palliative care and oncology are presented in this block including the issues of HIV/AIDS and cancer of the breast and lung.
	FTPC	Restoration	

Year	Block	Topic	Description
BDent 3	10B	Care of the Acute Patient (4 weeks)	This block aims to provide the concepts and competency development to diagnose, treatment plan and provide clinical management of acute dental disease and disorders.
	11	Prevention and Oral Rehabilitation (20 weeks)	The objectives of this block are to provide the necessary competencies, knowledge and critical understanding to provide basic dental clinical restorative and preventative care for patients.
	12	Care of the Child and Adolescent (6 weeks)	This block presents the principles and knowledge basis of assessment, diagnosis, treatment planning, care management and prevention of conditions and disorders commonly found in the child and adolescent.
	13	Surgery and advanced techniques (6 weeks)	This block presents the basic principles of surgical evaluation, diagnosis, treatment and management of a range of oral soft and hard tissues disorders and conditions including dento-alveolar surgery, minor oral surgery, craniofacial and implant surgery.
	14	Oral Medicine and Oro-Facial Pain (3 weeks)	This block aims to provide the knowledge base and clinical competencies required to assess, diagnose, treatment plan and manage oro-facial pain and disorders and diseases of the temporomandibular joints and associated structures. The principles, knowledge and clinical competencies required to diagnose, treatment plan and provide clinical management of these conditions will be provided through observational learning with the Oro-facial Pain Clinic at WCOH.
BDent 4	15	Advanced Care (10 weeks)	This block presents advanced aspects of general dental care in the dental clinical areas of implants, orthodontics, prosthodontics, periodontics and oral surgery. It will focus on the treatment options and integrated treatment planning of patient needs requiring advanced or specialist care. It provides for the continued development of competencies practiced during the Prevention and Oral Rehabilitation Block in Year 3, and on those in FTFC during years 1 and 2.
	16	Gerodontology & Special Care (6 weeks)	This block focuses on two important areas: dental care and oral health of the older age care group; and the oral health and care needs of the disabled. Particular focus will be on the integrated nature of care of these special groups and the interaction of the roles of the dentist, carers and other health care professionals in providing oral health and dental care.
	17	Sustainable Oral Rehabilitation (8 weeks)	This block focuses on advanced integrated dental care, specifically including interdisciplinary dental care and within the health care team.
	18	Professional Dental Practice (8 weeks)	This block covers the interaction of the general practitioner and the specialist in the management of complex aspects of patient care. The block also aims to prepare for future practice in dentistry, including such as practice management, ethics and responsibilities.
	19	Rural Care (2 weeks)	Awareness of the importance of dental care in rural areas of Australia remains an important community concern. This short block is located entirely in a rural placement and covers issues pertinent to remote community concerns including indigenous health, organisational structure of Oral Health Service in NSW, access to Oral Health care in rural and remote areas and risk management and professional development in rural practice. An extension of the Rural Placement block will be offered as an Elective Rural Placement in the future of the program.

Learning

Problem-based learning

The problem-based tutorials are designed to develop the students' clinical reasoning abilities, to enhance their skills in working in groups and to introduce many relevant aspects of the content knowledge and skills within the three themes in an integrated fashion. Each week in Years 1 and 2, students are introduced to a clinical problem (usually relating to a particular patient) and the process of thinking through the problem provides the core of the week's activities. Tutors act as facilitators of the reasoning process rather than as subject experts. Three meetings are held each week to develop and discuss the problems.

In Years 3 and 4, the role of the tutor is less central. A web-based clinical reasoning model will guide students in the preparation of the problems.

Self-directed learning

During the first two years, students are helped to develop their skills in locating and acquiring information in textbooks, journals and on the web after defining the learning topics in the problem-based tutorials. By the time of entry into Year 3, students are expected to be increasingly independent in their capacity to direct their own learning and to locate essential information efficiently.

Theme sessions and lectures

Lectures provide a broader context for the students' formal learning and provide background understanding to assist in the resolution of the weekly problem. In Years 1 and 2, up to six lectures are held each week.

Sessions are offered within each theme and reading matter may be recommended for preparation beforehand. Life Sciences sessions in Years 1 and 2 usually offer opportunities to gain hands-on practical experience and to learn from images, models, slides and museum or

dissected specimens. In Years 3 and 4, science updates, advanced seminars and sessions with dental images are utilised.

Sessions run by the Personal and Professional Development and Dentist and the Community themes are diverse, and include aspects of personal development, evidence-based practice, ethics and management issues, as well as the community perspective on oral health issues.

The activities organised by the Total Patient Care theme occur in the dental hospitals as described below.

Evidence-based practice

There is a major focus on the critical appraisal of evidence to underpin clinical decision-making throughout the program. From the start, students learn the skills of identifying and appraising the literature. In later years, they apply the skills learned in making clinical decisions to the diagnosis and management of individual patients with whom they interact.

Team approach to practice

The focus is on the comprehensive care of the patients, and on continuity of care. Students will be members of a dental team under the guidance of a staff member, and will treat patients assigned to them, according to the skills of the individual team members. They will be able to call on expert assistance as required. Although the core teams are based on third year students, more senior and also junior students may, from time to time, contribute. Case conferences and presentations to the team will be used to maintain an overview of patients under treatment.

Foundations of total patient care (FTFC)

Dental Competencies Years 1 and 2

The weekly program in the dental teaching hospitals introduces students to dental skills in laboratories and simulation settings as well as dental clinics on Thursdays (Year 1) and Tuesdays (Year 2). An

emphasis on self-assessment will encourage the development of professional skills. Students will be helped to acquire sensitive and effective skills in communicating with patients, and to develop professional communication with colleagues and teachers. Students from the BOH course will join in some of these sessions.

There are opportunities to practice and to gain some medical experience with access to selected patients and to the skills laboratory when students are at Westmead Hospital.

Blocks 4 (Haematology, Year 1) and 9 (Cancer, Year 2) involve extensive activities at Westmead and Nepean Hospitals and the students will share lectures and sessions with medical students at the Western Clinical School. This arrangement allows students two sets of five weeks of 'immersion' in a general hospital setting, providing the opportunity for significant development in clinical skills, both medical and dental. PBL tutorials, lectures and theme sessions are all provided on site. Computer-based materials will continue to be available.

In addition, Block 8B – Oral Biosciences – will be taught at the Westmead Centre for Oral Health. Again, teaching sessions will be on site, except possibly when access is required to the simulators at the Sydney Dental Hospital.

Dental Competencies Years 3 and 4

A structured teaching program is planned to extend throughout this part of the course. Each day in Year 3 will start with a theme-based session – occasional lectures, case presentations, theme-based seminars and discussions. In Year 4, formal teaching will be necessarily reduced as the students will be on at least two sites, videoconferencing can be used to link the two major sites. In BDent 4 the mandatory Extramural Community Practice Education Program (ECPEP) provides an opportunity for a month-long placement in a public dental clinic in a rural/regional location in NSW.

Honours

The Faculty of Dentistry, in recognition of meritorious performance, offers an Honours Program for BDent candidates. The Honours Program is a 12 credit point unit of study which is taken as an alternative to the Elective Program and each of these are integrated into the BDent program. The Honours Program comprises a significant research project however outstanding clinical achievement is also a requirement for the award.

An Honours Degree provides greater opportunities after graduation and will make you more competitive when seeking employment amongst graduates without Honours Degrees. Honours will reflect that you have developed research and analytical skills which are more advanced to those of pass degree candidates, and that you developed superior organisational and time management skills to complete the honours program simultaneously with the demands of the BDent program. Honours will also provide an advantage when applying for postgraduate study.

Principles of Honours

The principles underlying the approach to award of Honours in the BDent include the following:

All students should be encouraged to meet the Honours standard but eligibility for award of Honours requires a high level of clinical competence.

Honours will be awarded on the basis of successful completion of all assessments across the curriculum themes and an Honours project and Honours presentation that meets the required standard.

The Honours Program is subject to review by the Learning and Teaching Committee.

Participation in the Honours Program by an individual student is voluntary.

Eligibility for Honours

The table below lists the minimal requirements to be eligible to enter the Honours program. Detailed eligibility requirements are outlined in the Bachelor of Dentistry Honours Policy.

Assessment	Grade required to be eligible for Honours
Life Sciences (BDent 2, 24 credit points)	Credit level pass or equivalent in each summative assessment
FTPC (BDent 2, 12 credit points)	A satisfactory result in all written, clinical and pre-clinical summative assessments
DC (BDent 2, 6 credit points)	A satisfactory result in written assessments
PPD Licence	A maximum demerit of 2 PPD points in each year

Completing the Honours Project

Students undertaking the Honours Program submit a research proposal approved by their chosen supervisor to the Honours Sub-committee by the end of March in their third year of study. Once approved, students can begin their project in BDent 3 for completion by the end of September in BDent 4.

The nature and specifications of the final report should take the form of a manuscript suitable for submission to a journal for publication. A standard journal format from a well-recognised journal may be used but the format of the Australian Dental Journal is recommended. Honours candidates will also present their Honours research project as either a poster or oral presentation at the Faculty of Dentistry Research Day. Students are also required to submit a minimum 3-page reflective essay on their Honours project.

Requirements for the Award of Honours

Assessment	Grade required for award of Honours
Life Sciences (BDent 3 and 4, 8 credit points)	Credit level pass or equivalent in each summative assessment
TPC (BDent 3 and 4, 60 credit points)	A satisfactory result in all individual TPC assessments
DC/PPD (BDent 3 and 4, 16 credit points)	A satisfactory result in written assessments
Summative assessments in BDent 3 and BDent 4	Credit level pass or equivalent in each summative assessment
PPD Licence	A maximum demerit of 2 PPD points in each year
Honours report and presentation	Combined mark of 70%

Dentistry conjoint studies

Selected students with a proven aptitude for research and an Honours degree (by research) are offered the opportunity to conjointly undertake their studies with a higher degree:

- Doctor of Philosophy (PhD) or
- Master of Philosophy in Public Health (MPhilPH) (by research).

The BDent and PhD conjoint studies program will normally take six or seven years, the BDent and MPhilPH conjoint studies program five years.

There are two methods of application for the admission of qualified applicants:

- at the time of application for admission to the BDent
- during the first two years of the BDent, by submission of a research proposal approved by a potential supervisor and application for admission.

Criteria for selection into the PhD program include eligibility for an Australian Postgraduate Award (or similar scholarship).

Note that students enrol in the two degrees separately; they are not offered and awarded as a combined degree program. All candidates are expected to undertake their BDent studies full time and complete the other degree on a part time basis. It is expected that candidates for the PhD or MPH program will have made some progress towards the completion of the PhD or MPH program. The candidate also undertakes conjoint studies on the condition that their candidature in the BDent program will not be compromised by the workload expected in the PhD or MPH program. The candidate and his/her supervisor must be able to verify this at the time of admission to the BDent program.

Dentistry intercalated degree programs

Students who desire to obtain research experience may apply to interrupt their studies after second year to undertake a one-year degree:

Master of Philosophy by research

Applicants for the MPhil (Dent) will be required to satisfy a potential supervisor and the faculty that they have either obtained an honours degree (or equivalent) by research previously, or otherwise demonstrate their capacity by completing a relevant, short laboratory or library research project at an acceptable standard during the first two years of the program.

Master of Public Health (by coursework and dentally-related treatise)

The BDent/MSc (Dent) and MPH Intercalated Degree Programs will normally each take five years.

Resolutions

Bachelor of Dentistry

Bachelor of Dentistry (Honours)

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 2000 (the 'Coursework Rule'), the resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

Code	Course title
EH003	Bachelor of Dentistry

2 Attendance Pattern

The attendance pattern for this course is full time only.

3 Admission to candidature

- (1) Admission to the degree requires:
 - (a) a bachelor's degree, comprising at least three full-time equivalent years of study; and
 - (b) a Grade Point Average (GPA) of 5.5 (from 2012 entry) or above, determined on a scale of 0 to 7 from marks or grades on the official academic transcript and based on the last three academic year levels of candidates' most recent bachelor's degree course, including an Honours year if undertaken. A GPA of 5.5 is equivalent to a credit level at the University of Sydney; and
 - (c) completion of the Graduate Australian Medical Schools Admissions Test (GAMSAT); and
 - (d) participation in a Multiple Mini Interview process.
 - (e) Applicants with a background in research will be viewed favourably.
- (2) Available places will be offered to qualified applicants based on merit as determined by the above criteria. International applicants are assessed for admission on the same basis as local students.
- (3) Applicants whose bachelor's degrees were completed more than 10 years ago without subsequent postgraduate activity or evidence of other continuing academic activity will not be considered.

4 Requirements for award

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 for the Bachelor of Dentistry.

5 Progression rules

Candidates must pass all units of study designated for each year of enrolment and satisfy the requirements of the PPD Licence, before proceeding to units designated for the subsequent year of study. Failure in any single unit of study results in a failure of the year and requires the candidate to retake the units designated for the entire year, without credit or exemption for work previously completed.

6 Requirements for the honours degree

- (1) The Honours project is a 12 credit point unit of study which is undertaken in years 3 and 4 of the Bachelor of Dentistry degree. The Honours project is an alternative to the elective

project and students are required to choose their preferred unit of study.

- (2) Honours is available to meritorious candidates. Admission to the honours program requires a candidate to have his or her application approved by the Bachelor of Dentistry Honours Sub-committee. Eligible applicants must have:
 - (a) passed all summative assessments, gaining a credit level pass or equivalent in the Life Sciences theme in each year and at the first attempt;
 - (b) a satisfactory result in all written and OSCA assessments, for the pre-clinical and clinical practical assessments and satisfactory in all VIVAS and Oral Comprehensive assessments;
 - (c) completed each year of the program with a minimum of five points on their PPD Licence;
 - (d) a high level of clinical competence as recorded in clinical logbooks; and
 - (e) experience or training in research methodology, evidenced by, for example, completion of a previous Honours degree, a vacation scholarship in research in the Bachelor of Dentistry program, or participation in a research environment during years 1, 2 or 3 of the course.
- (3) Honours candidates are required to complete an approved Honours project, under the supervision of a salaried or honorary academic member of staff of the Faculty of Dentistry, addressing one of the themes of the Bachelor of Dentistry as a principal focus (i.e. one of Total Patient Care, Life Sciences, Personal and Professional Development or Dentist and the Community).
- (4) To qualify for the award of the Honours degree a candidate must
 - (a) complete the Honours project to the satisfaction of the examiners;
 - (b) complete the requirements for the Pass degree and Honours project in four years;
 - (c) pass all summative assessments in the course at the first attempt (in the absence of attested illness or misadventure).
- (5) Candidates who fail their PPD Licence, any unit of study, or any summative assessment at the first attempt, during their Honours candidature, will cease to be an Honours candidate.

7 Award of the degree

- (1) The Bachelor of Dentistry is awarded as either Pass or Honours. Honours classes are based on an evaluation of performance during years three and four of the degree and the Honours project and are awarded as follows:
 - (a) Honours Class I
 - (b) Honours Class II (Division 1)
 - (c) Honours Class II (Division 2).
- (2) Candidates for the award of Honours degree who do not meet the requirements, will be required to undertake the elective project and on the satisfactory completion of the course requirements will be awarded the Pass degree.

8 Cross institutional study

Cross institutional study is not available in this course.

9 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 Life Sciences theme will be waived. Further details are available in the Faculty of Dentistry Admissions Policy.

10 Transitional provisions

These resolutions apply to students who commenced their candidature in 2010 and subsequent years. Students who commenced their candidature before this are required to complete their studies in accordance with the academic requirements as stated in the resolutions in force at the time of their enrolment.

Units of study

Unit of study	Credit points	A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition	Session
Units of study/enrolment			
USDP1011 Life Sciences 1	12		Semester 1
USDP1012 Foundations of Total Patient Care 1	6		Semester 1
USDP1013 Personal and Professional Development 1	3		Semester 1
USDP1014 Dentist and Community 1	3		Semester 1
USDP1021 Life Sciences 2	12		Semester 2
USDP1022 Foundations of Total Patient Care 2	6		Semester 2
USDP1023 Personal and Professional Development 2	3		Semester 2
USDP1024 Dentist and Community 2	3		Semester 2
USDP2012 Foundations of Total Patient Care 3	6		Semester 1
USDP2013 Personal and Professional Development 3	3		Semester 1
USDP2014 Dentist and Community 3	3		Semester 1
USDP2016 Life Sciences 3	12		Semester 1
USDP2022 Foundations of Total Patient Care 4	6		Semester 2
USDP2023 Personal and Professional Development 4	3		Semester 2
USDP2024 Dentist and Community 4	3		Semester 2
USDP2026 Life Sciences 4	12		Semester 2
USDP3011 Life Sciences 5	2		Semester 1
USDP3012 Total Patient Care 1	15		Semester 1
USDP3013 Professional and Community Practice 1	4		Semester 1
USDP3014 Elective (development) 1	3		Semester 1
USDP3019 Research/Honours Project (development) 1	3		Semester 1
USDP3021 Life Sciences 6	2		Semester 2
USDP3022 Total Patient Care 2	15		Semester 2
USDP3023 Professional and Community Practice 2	4		Semester 2
USDP3024 Elective (development) 2	3		Semester 2
USDP3029 Research/Honours Project (development) 2	3		Semester 2
USDP4001 Life Sciences 1	4		Semester 1
USDP4002 Total Patient Care 3	12		Semester 1
USDP4003 Personal and Professional Development 7	5		Semester 1
USDP4004 Dentist and Community 7	3		Semester 1
USDP4005 Life Sciences 2	4	<i>Note: Department permission required for enrolment in the following sessions: Semester 1</i>	Semester 1 Semester 2

Unit of study	Credit points	A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition	Session
USDP4006 Total Patient Care 4	12		Semester 1 Semester 2
USDP4007 Personal and Professional Development 8	5	Note: Department permission required for enrolment in the following sessions: Semester 1	Semester 1 Semester 2
USDP4008 Dentist and Community 8	3		Semester 2

Units of study/enrolment

Bachelor of Dentistry Students are required to enrol in the following units of study for the four years of the degree.

USDP1011

Life Sciences 1

Credit points: 12 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and exams **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP1012

Foundations of Total Patient Care 1

Credit points: 6 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP1013

Personal and Professional Development 1

Credit points: 3 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning.

USDP1014

Dentist and Community 1

Credit points: 3 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The place of dentistry in health care, interactions with the community and dental public health issues.

USDP1021

Life Sciences 2

Credit points: 12 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP1022

Foundations of Total Patient Care 2

Credit points: 6 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP1023

Personal and Professional Development 2

Credit points: 3 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning.

USDP1024

Dentist and Community 2

Credit points: 3 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessment and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The place of dentistry in health care, interactions with the community and dental public health issues.

USDP2012

Foundations of Total Patient Care 3

Credit points: 6 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP2013

Personal and Professional Development 3

Credit points: 3 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning.

USDP2014

Dentist and Community 3

Credit points: 3 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The place of dentistry in health care, interactions with the community and dental public health issues.

USDP2016

Life Sciences 3

Credit points: 12 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP2022

Foundations of Total Patient Care 4

Credit points: 6 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP2023

Personal and Professional Development 4

Credit points: 3 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning.

USDP2024

Dentist and Community 4

Credit points: 3 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The place of dentistry in health care, interactions with the community and dental public health issues.

USDP2026

Life Sciences 4

Credit points: 12 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP3011

Life Sciences 5

Credit points: 2 **Session:** Semester 1 **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP3012

Total Patient Care 1

Credit points: 15 **Session:** Semester 1 **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP3013

Professional and Community Practice 1

Credit points: 4 **Session:** Semester 1 **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, empathic communication, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning; and the place of dentistry in health care, interactions with the community and dental public health issues.

USDP3014

Elective (development) 1

Credit points: 3 **Session:** Semester 1 **Assessment:** Continual assessments and written reports **Campus:** Westmead **Mode of delivery:** Clinical Experience

Experiential learning project involving supervised placement in community practice, oral health speciality or clinical work, in a diverse range of settings, including metropolitan, rural, remote or international locations.

USDP3019

Research/Honours Project (development) 1

Credit points: 3 **Session:** Semester 1 **Assessment:** Continual assessments and written work (report/thesis) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Supervised research project culminating in the submission of an honours thesis or research report.

USDP3021

Life Sciences 6

Credit points: 2 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP3022

Total Patient Care 2

Credit points: 15 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP3023

Professional and Community Practice 2

Credit points: 4 **Session:** Semester 2 **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, empathic communication, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning; and the place of dentistry in health care, interactions with the community and dental public health issues.

USDP3024

Elective (development) 2

Credit points: 3 **Session:** Semester 2 **Assessment:** Continual assessments and written reports **Campus:** Westmead **Mode of delivery:** Clinical Experience

Experiential learning project involving supervised placement in community practice, oral health speciality or clinical work, in a diverse range of settings, including metropolitan, rural, remote or international locations.

USDP3029

Research/Honours Project (development) 2

Credit points: 3 **Session:** Semester 2 **Assessment:** Continual assessments and written work (report/thesis) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Supervised research project culminating in the submission of an honours thesis or research report.

USDP4001

Life Sciences 1

Credit points: 4 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP4002

Total Patient Care 3

Credit points: 12 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessment and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP4003**Personal and Professional Development 7**

Credit points: 5 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning.

USDP4004**Dentist and Community 7**

Credit points: 3 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The place of dentistry in health care, interactions with the community and dental public health issues.

USDP4005**Life Sciences 2**

Credit points: 4 **Session:** Semester 1, Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Note: Department permission required for enrolment in the following sessions: Semester 1.

The underlying biomedical and clinical sciences to ensure an understanding of the mechanisms of health and disease.

USDP4006**Total Patient Care 4**

Credit points: 12 **Session:** Semester 1, Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The necessary communication and reasoning skills for effective dental diagnosis as well as the clinical understanding and technical skills to manage the care of the patient with common and important dental conditions.

USDP4007**Personal and Professional Development 8**

Credit points: 5 **Session:** Semester 1, Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Note: Department permission required for enrolment in the following sessions: Semester 1.

The necessary personal and professional skills for effective and rewarding practice, including ethical behaviours, productive teamwork, evidence-based decision-making, self-evaluation and life-long learning.

USDP4008**Dentist and Community 8**

Credit points: 3 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Continual assessments and examinations **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

The place of dentistry in health care, interactions with the community and dental public health issues.

Bachelor of Oral Health

Overview

The Bachelor of Oral Health (BOH) degree course is a 5 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 or dental therapists. It will equip 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 start acquiring their 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 a primary health care approach. Clinical practice largely occurs in the teaching hospitals where a team approach to patient care is practised. In their final year students have a two week rural placement in semester 1 in an Area Health Service applying their health promotion skills. Throughout the year they rotate through community clinics in the greater Sydney metropolitan region for some of their clinical practice.

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.

- They will be able to liaise confidently with a range of health providers and deliver high-quality oral health education and promotion in the community.
- They will 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.
- They will 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.
- They will know their limits, personal and professional, and be able to work competently and confidently within them.
- They will have the training and attributes to exercise leadership in oral health promotion, dental hygiene and dental therapy.

Knowledge

- Detailed knowledge and skills in all topics identified by the Australian Dental Council as being essential to an undergraduate dental auxiliary program, and in all topics specified by NSW legislation for dental hygienists and dental therapists.
- Expertise in the analysis of dental conditions, in the diagnosis of dental diseases, and in the development and execution of dental treatments plans, under the supervision of a dentist.

Thinking skills

- Develop, integrate and apply knowledge and understanding of basic, clinical, behavioural and social sciences to support, inform and enlighten professional practice.

- Acquire, understand and integrate the latest knowledge into practice on a continuous basis.
- Keep up-to-date with professional, social and cultural changes and develop an understanding of their implications for practice.

Personal skills

- Develop and maintain the capacity to work as a member of an oral health team to provide community-based health promotion and individual patient care in the current and future professional, ethical and legal environment.
- Develop the ability to use information technology for patient management, communication, professional development, research, and practice management.

Personal attributes

- Develop an understanding of oral health as an integral part of overall health, and apply a preventive approach to the improvement of oral health through the community, including disadvantaged groups and the indigenous population.
- Develop and apply a broad understanding of different perspectives – professional, cultural, social, political – to the practice environment.
- Apply an ethical and moral approach to practice.
- Use critical self-examination and reflection as tools for personal and professional development, and to gain an appreciation of the need for continuing education.

Practical skills

- Manage dental disease by applying an evidence-based approach to analysis, diagnosis and treatment.
- Manage resources and people (including themselves) within the constraints of the practice environment.

Resolutions

Bachelor of Oral Health

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 2000 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

Code	Course title
EH004	Bachelor of Oral Health

2 Attendance pattern

The attendance pattern for this course is full time only.

3 Admission to candidature

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), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and 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.

4 Requirements for award

- (1) The units of study that may be taken for the course are set out in Bachelor of Oral Health table of units.
- (2) To qualify for the award of the degree, a candidate must successfully complete a fixed curriculum of 144 credit points in the order prescribed in the table of units.

5 Progression rules

Candidates must pass all units of study and satisfy the requirements of the PPD Licence designated for each year of enrolment before proceeding to units designated for the subsequent year of study. Failure in any single unit of study results in a failure of the semester and requires the candidate to retake the units designated for that semester, without credit or exemption for work previously completed.

6 Award of the degree

The Bachelor of Oral Health is awarded as Pass only.

7 Cross institutional study

Cross institutional study is not available in this course.

8 Credit for previous study

- (1) Candidates may be granted credit for previous studies, according to the provisions of the Coursework Rule, and in addition:
 - (a) the study must be completed no more than five years before admission to candidature for this course;
 - (b) the study completed is equivalent to any unit of study in the Bachelor of Oral Health table of units;
 - (c) the study must have been completed to credit level or equivalent;
 - (d) if the previous award has been conferred, the maximum credit that may be granted is 48 credit points;
 - (e) in the case of holders of the Diploma in Dental Therapy of the Westmead College of Dental Therapy, the maximum credit that may be granted is 48 credit points.

9 Transitional provisions

- (1) These resolutions apply to persons who commenced their candidature after 1 January, 2011 and persons who commenced their candidature prior to 1 January, 2011 and who elect to proceed under these resolutions.
- (2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed by 1 January, 2016, or later date as the faculty may, in special circumstances, approve.

Units of study

<i>Unit of study</i>	<i>Credit points</i>	<i>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</i>	<i>Session</i>
Units of study			
Year 1			
ORHL1009 Foundations of Oral Health 1	6		Semester 1
ORHL1010 Oral Health Clinical Practice (Intro)	6		Semester 1
ORHL1006 Life Sciences 1	6		Semester 1
ORHL1007 Life Sciences 2	6		Semester 1
ORHL1003 Foundations of Oral Health 2	6	P ORHL1009	Semester 2
ORHL1004 Oral Health Clinical Practice 1	12		Semester 2
ORHL1008 Life Sciences 3	6	P ORHL1007	Semester 2
Year 2			
ORHL2009 Foundations of Oral Health 3	6	P ORHL1003	Semester 1
ORHL2010 Oral Health Clinical Practice 2	12	P ORHL1004	Semester 1
ORHL2008 Life Sciences 4	6		Semester 1
ORHL2005 Foundations of Oral Health 4	6	P ORHL2009	Semester 2
ORHL2006 Oral Health in Society 1	9	P ORHL2008 N BACH1148, BIOS3063	Semester 2
ORHL2007 Oral Health Clinical Practice 3	9	P ORHL2010	Semester 2
Year 3			
ORHL3001 Foundations of Oral Health 5	3	P ORHL2005	Semester 1
ORHL3002 Oral Health in Society 2	3	A ORHL2006	Semester 1
ORHL3003 Oral Health Clinical Practice 4	18	P ORHL2007	Semester 1
ORHL3004 Foundations of Oral Health 6	3	P ORHL3001	Semester 2
ORHL3005 Oral Health in Society 3	3	A ORHL3002	Semester 2
ORHL3006 Oral Health Clinical Practice 5	18	P ORHL3003	Semester 2

Units of study

The units of study for students enrolled in Years 1, 2 and 3 of the course are detailed below:

Year 1

ORHL1009 Foundations of Oral Health 1

Credit points: 6 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Assignment (33%); OSCAR (37%); Examination (30%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

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, Dental Therapy and Dental Hygiene, an introduction to human nutrition, and Part 1 of Cariology and Prevention.

ORHL1010 Oral Health Clinical Practice (Intro)

Credit points: 6 **Session:** Semester 1 **Classes:** Clinical work **Assessment:** Assignment (13%); Examination (13%); OSCA (64%); Pre-clinical logbook (10%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study introduces students to tooth morphology, the theory and practice of dental radiography, and the development of hygiene and tooth conservation knowledge and skills in the simulation clinic.

ORHL1006 Life Sciences 1

Credit points: 6 **Session:** Semester 1 **Assessment:** Examination (100%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study introduces students to the biochemical and biological processes which are fundamental to life, cells, and tissues. It includes a refresher on chemistry including chemical bonds, inorganic and organic chemistry, before going on to introduce students to protein structure and function, nucleic acid structure, protein synthesis, lipids, energy currency, overview of metabolism, extracellular matrix

components, receptors and signalling, membrane pores, diffusion and pumps.

ORHL1007
Life Sciences 2

Credit points: 6 **Session:** Semester 1 **Assessment:** Examination (100%)
Campus: Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study introduces students to the concepts of anatomy and physiology, head and neck anatomy Part 1, tissue biology in health and disease Part 1.

ORHL1003
Foundations of Oral Health 2

Credit points: 6 **Session:** Semester 2 **Classes:** Clinical work **Prerequisites:** ORHL1009 **Assessment:** Assignment (23%); Examination (44%); OSCA (33%)
Campus: Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

In this unit of study students continue to learn the theory of Periodontics, Cariology and Prevention Pt 2, Dental Materials, Human Nutrition, and are introduced to Radiology, and introduced to clinical reasoning, Assessment, Examination, Diagnosis, and Treatment Planning.

ORHL1004
Oral Health Clinical Practice 1

Credit points: 12 **Session:** Semester 2 **Classes:** Clinical work **Assessment:** Clinical Logbook (20%); Portfolio (20%); Practical (40%); OSCA (20%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

In this unit students continue to develop the skills needed for Tooth conservation and Dental Hygiene in a simulation environment, and begin to apply these Hygeine skills in the clinic on each other. A barrier assessment for Hygiene Practice takes place in this semester.

ORHL1008
Life Sciences 3

Credit points: 6 **Session:** Semester 2 **Prerequisites:** ORHL1007 **Assessment:** Assignment (10%); Examination (85%); Practical (5%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study continues with head and neck anatomy, Part 2, tissue biology in health in disease Part 2, and the cardiovascular system; Part of this unit of study will provide an introduction to the principles and applications of psychology, the links between mind and body, the role of learning, communication, and motivational behaviour change.

Year 2

ORHL2009
Foundations of Oral Health 3

Credit points: 6 **Session:** Semester 1 **Classes:** Clinical work **Prerequisites:** ORHL1003 **Assessment:** Assignment (22%) Examination (78%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This units of study continues to deepen the knowledge and understanding of students in Dental Hygiene and Therapy including Human Nutrition, Evidence Based Dentistry and continues studies in Oral Health in Society.

ORHL2010
Oral Health Clinical Practice 2

Credit points: 12 **Session:** Semester 1 **Classes:** Clinical work **Prerequisites:** ORHL1004 **Assessment:** Clinical Logbook (55%); Examination (25%); OSCA (20%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

In this unit of study students learn the theory and practice of pain management and exodontia of deciduous teeth, the application of the Caries Management System, and are introduced to Hygiene Clinical Practice. A barrier assessment for Dental Therapy is conducted this semester.

ORHL2008
Life Sciences 4

Credit points: 6 **Session:** Semester 1 **Assessment:** Assignment (50%); Examination (50%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

Part of this unit of study will introduce students to the gross anatomy, functional histology and physiology of the neurological, respiratory, musculoskeletal, haematological, endocrine, gastrointestinal, renal, and reproductive systems. Part of this unit will continue the psychology of communication and behaviour management and change in relation to young children, and adolescents.

ORHL2005
Foundations of Oral Health 4

Credit points: 6 **Session:** Semester 2 **Prerequisites:** ORHL2009 **Assessment:** Assignment (20%); Examination (72%); OSCA (8%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

In this unit of study the student continues to deepen their knowledge and understanding of Oral Pathology and Histology, Medical Emergencies, Pharmacotherapeutics, Orthodontics, Human Nutrition and explores issues that may arise in relation to a healthy start to life.

ORHL2006
Oral Health in Society 1

Credit points: 9 **Session:** Semester 2 **Prerequisites:** ORHL2008 **Prohibitions:** BACH1148, BIOS3063 **Assessment:** Assignment (60%) Examination (40%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

Part of this unit of study will give students basic skills in designing, implementing and managing oral health promotion projects. Part will explore issues of social perceptions of illness, wellness and patient compliance, dealing with anger and conflict, coping with mistakes, and the management of patients with anxiety and phobias, acute and chronic pain, and with a variety of special needs.

ORHL2007
Oral Health Clinical Practice 3

Credit points: 9 **Session:** Semester 2 **Prerequisites:** ORHL2010 **Assessment:** Clinical Logbook (100%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study continues to establish the applied knowledge and understanding and skills repertoire needed to provide clinical care to patients in Dental Hygiene and Dental Therapy including patients with special needs.

Year 3

ORHL3001
Foundations of Oral Health 5

Credit points: 3 **Session:** Semester 1 **Classes:** Clinical work **Prerequisites:** ORHL2005 **Assessment:** Examination (100%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study continues to deepen the student's knowledge and understanding of Dental Therapy and Hygiene theory including dental trauma. Tutorials and assessments take the form of scenarios which encourage the integration of the student's developing knowledge and understanding.

ORHL3002**Oral Health in Society 2**

Credit points: 3 **Session:** Semester 1 **Classes:** Clinical work **Assumed knowledge:** ORHL2006 **Assessment:** Assignment (50%) Report (50%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

In this unit of study, small groups of students undertake a rural placement of two weeks and work with Health Services. The group develop a written report of this intervention and present a summary of their report in a public forum.

ORHL3003**Oral Health Clinical Practice 4**

Credit points: 18 **Session:** Semester 1 **Classes:** Clinical work **Prerequisites:** ORHL2007 **Assessment:** Clinical logbook (20%); portfolio (40%); Viva Voce (40%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study continues to give students deepening experience of clinical care in Dental Therapy and Hygiene including patients with special needs, and includes the presentation of case reports and oral comprehensive assessments that explore how well the student integrates their understanding of the theory and practice of patient care.

ORHL3004**Foundations of Oral Health 6**

Credit points: 3 **Session:** Semester 2 **Classes:** Clinical work **Prerequisites:** ORHL3001 **Assessment:** Examination (100%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

This unit of study continues to deepen the student's knowledge and understanding of Dental Therapy and Hygiene theory through tutorials. Assessments take the form of scenarios which encourage the integration of the student's knowledge and understanding.

ORHL3005**Oral Health in Society 3**

Credit points: 3 **Session:** Semester 2 **Classes:** Clinical work **Assumed knowledge:** ORHL3002 **Assessment:** Written report (40%); Presentation (60%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

In this final unit of study in this strand of the course a small group of students undertakes an intervention program in an aged care facility. Each student writes a reflective report, and presents a poster of their first semester's health promotion activity with rural health services at the Faculty's Research Day.

ORHL3006**Oral Health Clinical Practice 5**

Credit points: 18 **Session:** Semester 2 **Classes:** Clinical work **Prerequisites:** ORHL3003 **Assessment:** Case Presentation (40%); Oral Comprehensive (40%); Clinical Logbook (20%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: B O H.

In this final unit of clinical practice in the Dental Therapy and Hygiene strands students continue to gain experience and integrate their knowledge, understanding, and skills. The presentation of case reports and oral comprehensive assessments explore how well the student integrates their understanding of the theory and practice of patient care. External examiners assess if the student is safe and competent at graduation.

Postgraduate coursework

The Faculty of Dentistry offers the following postgraduate coursework degrees, diplomas and certificate:

- Doctor of Clinical Dentistry (DClinDent) (Prosthodontics)
- Doctor of Clinical Dentistry (DClinDent) (Periodontics)
- Doctor of Clinical Dentistry (DClinDent) (Paediatric Dentistry)
- Doctor of Clinical Dentistry (DClinDent) (Orthodontics)
- Doctor of Clinical Dentistry (DClinDent) (Oral Medicine and Oral Pathology)
- Doctor of Clinical Dentistry (DClinDent) (Special Care Dentistry)
- Graduate Diploma in Clinical Dentistry (GradDipClinDent) (Oral Implants)
- Graduate Diploma in Clinical Dentistry (GradDipClinDent) (Conscious Sedation and Pain Control)
- Graduate Diploma in Clinical Dentistry (GradDipClinDent) (Restorative)
- Graduate Certificate in Clinical Dentistry (GradCertClinDent) (Restorative)
- Postgraduate Studies in Population Oral Health

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 2000 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course Resolutions

1 Course Codes

Code	Course and stream title
EB001	Doctor of Clinical Dentistry (Oral Medicine and Oral Pathology)*
EB002	Doctor of Clinical Dentistry (Orthodontics)*
EB003	Doctor of Clinical Dentistry (Paediatric Dentistry)*
EB004	Doctor of Clinical Dentistry (Periodontics)*
EB005	Doctor of Clinical Dentistry (Prosthodontics)*
EB006	Doctor of Clinical Dentistry (Special Care Dentistry)*
EF007	Graduate Diploma in Clinical Dentistry (Child Health)
EF001	Graduate Diploma in Clinical Dentistry (Conscious Sedation and Pain Control)*
EF008	Graduate Diploma in Clinical Dentistry (Hospital Dentistry)
EF009	Graduate Diploma in Clinical Dentistry (Oral Biology)
EF002	Graduate Diploma in Clinical Dentistry (Oral Implants)*
EF006	Graduate Diploma in Clinical Dentistry (Restorative)
EF010	Graduate Diploma in Clinical Dentistry (Tooth Mechanics)
EG002	Graduate Certificate in Clinical Dentistry (Child Health)
EG003	Graduate Certificate in Clinical Dentistry (Hospital Dentistry)
EG004	Graduate Certificate in Clinical Dentistry (Oral Biology)
EG001	Graduate Certificate in Clinical Dentistry (Restorative)

Code	Course and stream title
EG005	Graduate Certificate in Clinical Dentistry (Tooth Mechanics)

*Courses available for admission. The remaining courses are 'exit only' qualifications.

2 Attendance pattern

- (1) The attendance pattern for these courses is full time only, except for the following courses, which are part-time only:
 - (a) Graduate Diploma in Clinical Dentistry (Conscious Sedation and Pain Control)
 - (b) Graduate Diploma in Clinical Dentistry (Oral Implants)

3 Streams and embedded courses in this sequence

- (1) The Clinical Dentistry program is available in an embedded sequence, at the level of doctor, graduate diploma or graduate certificate, and must be completed in a designated stream. Two streams are available as graduate diplomas only. 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 longest 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 and Oral Pathology
Hospital Dentistry	Hospital Dentistry	Special Care Dentistry
Oral Biology	Oral Biology	Periodontics
Restorative	Restorative	Prosthodontics
Tooth Mechanics	Tooth Mechanics	Orthodontics
	Conscious Sedation and Pain Control	
	Oral Implants	

4 Admission to candidature

- (1) Offers of admission to candidature will be made to the Doctor of Clinical Dentistry in the preferred stream, or to the Graduate Diploma in Clinical Dentistry in either of the streams of Conscious Sedation and Pain Control or Oral Implants. Available places will be offered to qualified applicants based on merit, according to the following admissions criteria.
- (2) Admission to these courses requires:
 - (a) completion of the shorter embedded course in the relevant stream with sufficient merit; or
 - (b) a Bachelor of Dentistry or Bachelor of Dental Surgery from the University of Sydney or equivalent institution; or
 - (c) an equivalent qualification that is registrable with the Australian Dental Board and with a curriculum acceptable to the faculty; and
 - (d) at least two years' general dental practice experience, unless exempted by the faculty; and



- (e) completion of the primary Fellowship Examination of the Royal Australasian College of Dental Surgeons, or its equivalent; and
 - (f) pass any examination and/or attend an interview as prescribed by the faculty; and
 - (g) local applicants to be registered with the Australian Dental Board for practice; or
 - (h) international students to be registered with the Australian Dental Board for practice immediately upon admission.
- (3) Applicants for the 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.
- (4) Applicants for the Oral Implants stream are required to have experience in dento-alveolar surgery.
- (5) Applicants for the Orthodontics stream are required to complete a bridging course as prescribed by the faculty on the recommendation of the head of the relevant discipline.

5 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.

6 Progression rules

Candidates are required to successfully complete an end of semester assessment before being able to progress to the units of study in the subsequent semester. Candidates must remain registered with the Australian Dental Board for the duration of their candidature.

7 Cross institutional study

Cross institutional study is not available in this course.

8 International exchange

International exchange is not allowed in this course.

9 Credit for previous study

Candidates may be granted credit for previous studies, according to the provisions of the Coursework Rule, except that study must have been completed no more than five years before admission to candidature for this course.

10 Transitional provisions

- (1) These resolutions apply to persons who commenced their candidature after 1 January, 2011 and persons who commenced their candidature prior to 1 January, 2011 and who elect to proceed under these resolutions.
- (2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed by 1 January, 2016, or later date as the faculty may, in special circumstances, approve.

Doctor of Clinical Dentistry (Oral Medicine and Oral Pathology)

Course code and overview: EB001 (DClinDent), EF008 (Grad Dip, EG003 (Grad Cert)

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. The program develops skills in the diagnosis and non-surgical treatment of diseases of the oral mucosa and salivary glands, facial pain and oral manifestations of systematic diseases such as HIV. It provides for the oral health care needs of medically compromised patients, including transplant recipients, in close cooperation with the medical and surgical units of Westmead Hospital. 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.

Admission

Admission normally requires a Bachelor of Dental Surgery or equivalent plus two years general practice experience. The closing date for applications is 31 March for commencement in the following year.

Duration

The Doctor of Clinical Dentistry course requires three years full-time study. A Graduate Diploma and Graduate Certificate in Hospital Dentistry are available as exit awards only, after one year and one semester of full time study respectively.

Units of study

Unit of study	Credit points	Session
DENT5200 Applied Oral Biology	6	Semester 1
DENT5201 Oral Medicine and Oral Pathology 1	6	Semester 1
DENT5202 Internal and General Medicine 1A	6	Semester 1
DENT6000 Research Methods in Dentistry	6	Semester 1
DENT5203 Oral Medicine 1	6	Semester 2
DENT5204 Oral Pathology 1	6	Semester 2
DENT5205 Internal and General Medicine 1B	6	Semester 2
DENT6010 Dental Research Studies 1	6	Semester 2
DENT5206 Oral Medicine 2A	6	Semester 1
DENT5207 Oral Pathology 2A	6	Semester 1
DENT5208 Internal and General Medicine 2A	6	Semester 1
DENT6011 Dental Research Studies 2	6	Semester 1
DENT5209 Oral Medicine 2B	6	Semester 2
DENT5210 Oral Pathology 2b	6	Semester 2
DENT5211 Internal and General Medicine 2B	6	Semester 2
DENT6012 Dental Research Studies 3	6	Semester 2

Unit of study	Credit points	Session
DENT5212 Oral Medicine 3a	6	Semester 1
DENT5213 Oral Pathology 3a	6	Semester 1
DENT5214 Internal and General Medicine 3A	6	Semester 1
DENT6013 Dental Research Studies 4	6	Semester 1
DENT5215 Oral Medicine 3b	6	Semester 2
DENT5216 Oral Pathology 3b	6	Semester 2
DENT5217 Internal and General Medicine 3B	6	Semester 2
DENT6014 Dental Research Studies 5	6	Semester 2

Units of study

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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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

DENT5201

Oral Medicine and Oral Pathology 1

Credit points: 6 **Teacher/Coordinator:** Dr 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 DENT5200 and DENT5202 **Assessment:** continuous clinical assessment (50%), viva voce (50%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations; differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases .

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative

care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

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.

DENT5202

Internal and General Medicine 1A

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter
Session: Semester 1 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr, basic physicians training course x 3 hrs (per week) **Corequisites:** DENT6000 and DENT5200 and DENT5201 **Assessment:** continuous clinical assessment (50%); viva voce (50%). **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

Candidates rotate through various medical speciality 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.

Attendance at the FRACP trainee physician's lecture series held weekly in two blocks of six months over two years covers the spectrum of topics relevant to internal medicine. The lecture series covers the spectrum of internal medicine including the aetiology, pathogenesis, diagnosis, management, prevention and epidemiology of disease. The series covers the main areas of immunology, molecular biology and genetics, endocrinology, neurology, renal medicine, gastroenterology and hepatology, rheumatology, pharmacology, haematology, infectious diseases, respiratory medicine, cardiology, oncology, social and community medicine.

Candidates also attend the Medical Grand Rounds at Westmead Hospital.

DENT6000

Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Manish Arora **Session:** Semester 1 **Classes:** 1x2hr tutorial/week x 10weeks **Assessment:** examination (50%) and weekly assignment (50%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative), M Phil.

This course is designed as an introduction to research methodology for those students undertaking postgraduate training at the Faculty of Dentistry. Subjects taught within this course are designed to provide fundamental skills in critical appraisal of scientific literature and also assist the student in planning their research project. The ability to critically evaluate journal articles is seen as an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. All course material is provided on compact discs and through Blackboard (formerly WebCT) via the University of Sydney's website. A detailed series of notes, tutorial exercises and recorded mini-lectures are included in the study material. Students are required to complete one tutorial exercise/assignment each week. Weekly tutorial sessions are held at Westmead Hospital and Sydney Dental Hospital.

Topics covered include epidemiologic study design, measures of disease frequency and association, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal

of journal articles. An introduction into diagnostic test studies, systematic reviews and basic biostatistics is also provided.

Textbooks

An Introduction to Medical Statistics 3rd Edition. Author: Martin Bland. Publisher: Oxford University Press. Copyright: 2000.

DENT5203

Oral Medicine 1

Credit points: 6 **Teacher/Coordinator:** Dr Mark Schifter, Associate Professor Hedley Coleman, Associate Professor Hans Zoellner, Dr Anastasia Georgiou, Dr Sue-Ching Yeoh **Session:** Semester 2 **Classes:** oral medicine clinic x 10 hrs, biopsy clinic x 3 hours, medically complex clinic x 4hrs, oral medicine conference x 3hrs (per week) **Prerequisites:** (DENT6000 and DENT5200 and DENT5201 and DENT5202) or DENT6126 **Corequisites:** DENT6010 and DENT5204 and DENT5205 **Assessment:** continued clinical assessment (30%), 1x 2000 word essays (10%), written paper x 2 hrs (40%), viva voce (20%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations; differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases.

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

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

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 DENT5200 and DENT5201 and DENT5202) or DENT6126 **Corequisites:** DENT6010 and DENT5203 and DENT5205 **Assessment:** 1x2hr written exam (50%), viva voce (50%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

The course covers a review of relevant aspects of oral biology including bone, mucosa, salivary glands and tooth development.

Oral pathology is introduced by investigating the clinico-pathological features of soft and hard tissue pathoses including inflammatory and repair processes, hamartomas, mucosal and salivary gland diseases, fibro-osseous lesions, benign and malignant non-odontogenic and

odontogenic neoplasms, cysts of the jaws and soft tissues of the head and neck.

Weekly departmental review of the current histopathology cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, or Head and Neck oncology clinics.

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 Bouquet.

Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan

DENT5205

Internal and General Medicine 1B

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter
Session: Semester 2 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr, basic physicians training course x 3 hrs (per week) **Prerequisites:** (DENT6000 and DENT5200 and DENT5201 and DENT5202) or DENT6126 **Corequisites:** DENT6010 and DENT5203 and DENT5204 **Assessment:** continuous clinical assessment (50%); viva voce (50%). **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

Candidates rotate through various medical speciality 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.

Attendance at the FRACP trainee physician's lecture series held weekly in two blocks of six months over two years covers the spectrum of topics relevant to internal medicine. The lecture series covers the spectrum of internal medicine including the aetiology, pathogenesis, diagnosis, management, prevention and epidemiology of disease. The series covers the main areas of immunology, molecular biology and genetics, endocrinology, neurology, renal medicine, gastroenterology and hepatology, rheumatology, pharmacology, haematology, infectious diseases, respiratory medicine, cardiology, oncology, social and community medicine.

Candidates also attend the Medical Grand Rounds at Westmead Hospital.

DENT6010

Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative).

This unit provides the introduction to a research project, including the development of a research proposal and literature review.

DENT5206

Oral Medicine 2A

Credit points: 6 **Teacher/Coordinator:** Dr 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 conference x 3hrs (per week) laser training course 8hrs **Prerequisites:** (DENT6010 and DENT5203 and DENT5204 and DENT5205) or DENT6127 **Corequisites:** DENT6011 and DENT5207 and DENT5208 **Assessment:** continued clinical assessment (40%), written paper (3 hrs) and journal article critique (1 hr) (40%), viva voce (20%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations;

differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases.

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

Textbooks

Oral and Maxillofacial Pathology, 2nd Ed BW Neville, DD Damm. CA Allen. JE Bouquet.

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

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%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

The course of study covers a broad spectrum of general histopathology with introduction to the specialised disciplines of cytopathology and immunopathology and their clinical applications.

The oral pathology component is expanded continuing to examine in more detail the clinicopathological features of soft and hard tissue pathoses including inflammatory and repair processes, hamartomas, mucosal and salivary gland diseases, fibro-osseous conditions, benign and malignant non-odontogenic and odontogenic neoplasms, and cysts of the jaws and soft tissues of the head and neck. Weekly departmental review of the current histopathology cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, or Head and Neck oncology clinics.

Textbooks

Oral and Maxillofacial Pathology, 2nd ed, BW Neville, DD Damm. CA Allen. JE Bouquet.

Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan

Pathologic Basis of Disease, 7th ed, Kumar V, Abbas AK, Fausto N

DENT5208

Internal and General Medicine 2A

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter **Session:** Semester 1 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr, basic physicians training course x 3 hrs (per week) basic sciences in oncology course x 6 hrs (per month) **Prerequisites:** (DENT6010 and DENT5203 and DENT5204 and DENT5205) or DENT6127 **Corequisites:** DENT6011 and DENT5206 and DENT5207 **Assessment:** continuous clinical assessment

(50%); viva voce (50%). **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Candidates rotate through various medical speciality 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.

Attendance at the FRACP trainee physician's lecture series held weekly in two blocks of six months over two years covers the spectrum of topics relevant to internal medicine. The lecture series covers the spectrum of internal medicine including the aetiology, pathogenesis, diagnosis, management, prevention and epidemiology of disease. The series covers the main areas of immunology, molecular biology and genetics, endocrinology, neurology, renal medicine, gastroenterology and hepatology, rheumatology, pharmacology, haematology, infectious diseases, respiratory medicine, cardiology, oncology, social and community medicine.

Candidates also attend the Medical Grand Rounds at Westmead Hospital.

Attendance at the Basic Science in Oncology Course run by the Cancer Institute of NSW runs monthly over two semesters.

DENT6011

Dental Research Studies 2

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5209

Oral Medicine 2B

Credit points: 6 **Teacher/Coordinator:** Dr Mark Schifter, Associate Professor Hedley Coleman, Associate Professor Hans Zoellner, Dr Anastasia Georgiou, Dr Sue-Ching Yeoh **Session:** Semester 2 **Classes:** oral medicine clinic x 10 hrs, biopsy clinic x 3 hours, medically complex clinic x 4hrs, oral medicine conference x 3hrs (per week) **Prerequisites:** (DENT6011 and DENT5206 and DENT5207 and DENT5208) or DENT6128 **Corequisites:** DENT6012 and DENT5210 and DENT5211 **Assessment:** continued clinical assessment (30%), 1 x 2000 word essay (10%), written paper and osce style examination (40%), viva voce (20%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations; differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases .

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative

care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

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

DENT5210

Oral Pathology 2b

Credit points: 6 **Teacher/Coordinator:** Associate Professor Hedley Coleman Associate 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, DENT5209, DENT5211 **Assessment:** oral presentations (20%), 1x3hr written exam (40%), 1x1hr practical exam (20%), viva voce (20%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

The oral pathology component continues to build on the foundations previously established. The course further extends exposure to the specialised disciplines of cytopathology and immunopathology and their clinical applications. Weekly departmental review of the current histopathology cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, or Head and Neck oncology clinics.

Forensic Odontology is introduced with a block course covering the history of forensic identification, the role of police in forensic investigation, interaction of government agencies, bitemark evidence and interpretation, age determination, interesting forensic cases, dental charting systems, forensic dental radiology, coronial system, forensic dentistry and law, introduction to course, denture marking and computerisation.

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

DENT5211

Internal and General Medicine 2B

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter **Session:** Semester 2 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr, basic physicians training course x 3 hrs (per week) basic sciences in oncology course x 6 hrs (per month) **Prerequisites:** (DENT6011 and DENT5206 and DENT5207 and DENT5208) or DENT6128 **Corequisites:** DENT6012, DENT5209, DENT5210 **Assessment:** continuous clinical assessment (50%); viva voce (50%). **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Candidates rotate through various medical speciality 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.

Attendance at the FRACP trainee physician's lecture series held weekly in two blocks of six months over two years covers the spectrum of topics relevant to internal medicine. The lecture series covers the spectrum of internal medicine including the aetiology, pathogenesis, diagnosis, management, prevention and epidemiology of disease.

The series covers the main areas of immunology, molecular biology and genetics, endocrinology, neurology, renal medicine, gastroenterology and hepatology, rheumatology, pharmacology, haematology, infectious diseases, respiratory medicine, cardiology, oncology, social and community medicine.

Candidates also attend the Medical Grand Rounds at Westmead Hospital.

Attendance at the Basic Science in Oncology Course run by the Cancer Institute of NSW runs monthly over two semesters.

DENT6012

Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5212

Oral Medicine 3a

Credit points: 6 **Teacher/Coordinator:** Dr 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 conference x 3hrs (per week) **Prerequisites:** (DENT6012 and DENT5209 and DENT5210 and DENT5211) or DENT6129 **Corequisites:** DENT6013, DENT5213, DENT5214 **Assessment:** continuous clinical assessment (20%), written paper x2 (3 hrs) (30%), osce (15%), patient examination and presentation (15%), viva voce (20%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations; differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases.

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

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

DENT5213

Oral Pathology 3a

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:** (DENT6012 and DENT5209 and DENT5210 and DENT5211) or DENT6129 **Corequisites:** DENT6013, DENT5212, DENT5214 **Assessment:** oral presentations (20%), 1x1hr practical exam (40%), viva voce (40%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

The oral pathology component continues to build on the foundations previously established with in depth investigation of biological and genetic factors underpinning the different disease entities. The course further extends exposure to the specialised disciplines of cytopathology and immunopathology and their clinical applications. Weekly departmental review of the relevant histopathology cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, or Head and Neck oncology clinics.

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

DENT5214

Internal and General Medicine 3A

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter **Session:** Semester 1 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr **Prerequisites:** (DENT6012 and DENT5209 and DENT5210 and DENT5211) or DENT6129 **Corequisites:** DENT6013, DENT5212, DENT5213 **Assessment:** written case report (clinicopathological case) (50%), continued clinical assessment (50%); viva voce **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Candidates rotate through various medical speciality 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.

DENT6013

Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data acquisition and analysis.

DENT5215

Oral Medicine 3b

Credit points: 6 **Teacher/Coordinator:** Dr Mark Schifter, Associate Professor Hedley Coleman, Associate Professor Hans Zoellner, Dr Anastasia Georgiou, Dr Sue-Ching Yeoh **Session:** Semester 2 **Classes:** oral medicine clinic x 10 hrs, biopsy clinic x 3 hours, medically complex clinic x 4hrs, oral medicine conference x 3hrs (per week) **Prerequisites:** (DENT6013 and DENT5212 and DENT5213 and DENT5214) or DENT6130 **Corequisites:** DENT6014, DENT5216, DENT5217 **Assessment:** continued clinical assessment (20%), written paper (3 hrs) x2 (30%), osce (15%), patient examination and presentation (20%), viva voce (15%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations; differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases.

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

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

DENT5216

Oral Pathology 3b

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 oral pathology x 1 hr (per week)
Prerequisites: (DENT6013 and DENT5212 and DENT5213 and DENT5214) or DENT6130 **Corequisites:** DENT6014, DENT5215, DENT5217 **Assessment:** oral presentations (20%), 1x3hr written exam (40%), 1x1hr practical exam (20%), viva voce (20%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

The oral pathology component continues to build on the foundations previously established with in depth investigation of biological and genetic factors underpinning the different disease entities. The course further extends exposure to the specialised disciplines of cytopathology and immunopathology and their clinical applications. Weekly departmental review of the current histopathology cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, or Head and Neck oncology clinics.

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

DENT5217

Internal and General Medicine 3B

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter
Session: Semester 2 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr **Prerequisites:** (DENT6013 and DENT5212 and DENT5213 and DENT5214) or DENT6130 **Corequisites:** DENT6014, DENT5215, DENT5216

Assessment: continued clinical assessment (50%); viva voce (50%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

Candidates rotate through various medical speciality 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.

DENT6014

Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Treatise examination (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data analysis, treatise write-up and submission.

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

Doctor of Clinical Dentistry (Orthodontics)

Course code and overview: EB002 (DClinDent), EF010 (Grad Dip), EG005 (Grad Cert)

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. Technique instruction is based on fixed appliance therapy, comprising Begg and Edgewise philosophies, including a self-ligating bracket technique. The program prepares students for work in a specialist practice in orthodontics or a specialist clinic in a hospital.

Admission

All applicants require a Bachelor of Dental Surgery or equivalent plus a minimum of two years general practice experience. If shortlisted, applicants are required to attend the university for an interview, written examination and assessment of clinical skills. The closing date for applications is 31 March for commencement in the following year.

Duration

The Doctor of Clinical Dentistry course requires three years full-time study. A Graduate Diploma and Graduate Certificate in Tooth Mechanics are available as exit awards only, after one year and one semester of full time study respectively.

Contact the course coordinator:
Professor Ali Darendelliler
Email: maria.apostol@sydney.edu.au

Units of study

Unit of study	Credit points	Session
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	Semester 2
DENT5164 Orthodontics Clinical Training 4	6	Semester 2
DENT5165 Basic Orthodontic Theory	6	Semester 2
DENT6010 Dental Research Studies 1	6	Semester 2
DENT5166 Orthodontics Clinical Training 5	6	Semester 1
DENT5167 Orthodontics Clinical Training 6	6	Semester 1
DENT5168 Intermediate Orthodontic Theory	6	Semester 1
DENT6011 Dental Research Studies 2	6	Semester 1
DENT5169 Orthodontics Clinical Training 7	6	Semester 2
DENT5170 Orthodontics Clinical Training 8	6	Semester 2
DENT5171 Advanced Orthodontic Theory	6	Semester 2
DENT6012 Dental Research Studies 3	6	Semester 2
DENT5172 Orthodontics Clinical Training 9	6	Semester 1
DENT5173 Orthodontics Clinical Training 10	6	Semester 1
DENT5174 Comprehensive Orthodontic Theory 1	6	Semester 1

Unit of study	Credit points	Session
DENT6013 Dental Research Studies 4	6	Semester 1
DENT5175 Orthodontics Clinical Training 11	6	Semester 2
DENT5176 Orthodontics Clinical Training 12	6	Semester 2
DENT5177 Comprehensive Orthodontic Theory 2	6	Semester 2
DENT6014 Dental Research Studies 5	6	Semester 2

Units of study

DENT5160

Orthodontics Clinical Training 1

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

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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 Darendelliler **Session:** Semester 1 **Classes:** 4x7hr clinic training and 1x6hr workshop/wk. **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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 Darendelliler **Session:** Semester 1 **Classes:** 5x1.5hr morning tutorial/lecture and 5x2hr evening tutorial/lecture /wk **Assessment:** 1x1hr viva (50%) and 1x3hr written exam (50%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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 Manish Arora **Session:** Semester 1 **Classes:** 1x2hr tutorial/week x 10weeks **Assessment:** examination (50%) and weekly assignment (50%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative), M Phil.

This course is designed as an introduction to research methodology for those students undertaking postgraduate training at the Faculty of Dentistry. Subjects taught within this course are designed to provide fundamental skills in critical appraisal of scientific literature and also assist the student in planning their research project. The ability to critically evaluate journal articles is seen as an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry.

All course material is provided on compact discs and through Blackboard (formerly WebCT) via the University of Sydney's website. A detailed series of notes, tutorial exercises and recorded mini-lectures are included in the study material. Students are required to complete one tutorial exercise/assignment each week. Weekly tutorial sessions are held at Westmead Hospital and Sydney Dental Hospital.

Topics covered include epidemiologic study design, measures of disease frequency and association, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles. An introduction into diagnostic test studies, systematic reviews and basic biostatistics is also provided.

Textbooks

An Introduction to Medical Statistics 3rd Edition. Author: Martin Bland. Publisher: Oxford University Press. Copyright: 2000.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative).

This unit provides the introduction to a research project, including the development of a research proposal and literature review.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data acquisition and analysis.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Treatise examination (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data analysis, treatise write-up and submission.

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

Doctor of Clinical Dentistry (Paediatric Dentistry)

Course code and overview: EB003 (DClinDent), EF007 (Grad Dip), EG002 (Grad Cert)

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.

Admission

Admission normally requires a Bachelor of Dental Surgery or equivalent plus a minimum of two years general practice experience. In addition, candidates are required to attend an interview prior to selection for admission. Unless exempted by the faculty, applicants must have satisfactorily completed the primary Fellowship Examination of the Royal Australasian College of Dental Surgeons, or its equivalent. The closing date for applications is 31 March for commencement in the following year.

Duration

The Doctor of Clinical Dentistry course requires three years full-time study. A Graduate Diploma and Graduate Certificate in Child Health are available as exit awards only, after one year and one semester of full time study respectively.

Further information

Contact the course coordinator:

Dr Sally Hibbert

Email: sally.hibbert@wsahs.nsw.gov.au

Units of study

Unit of study	Credit points	Session
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	Semester 2
DENT5037 Preventive Dentistry 2	6	Semester 1
DENT5038 Restorative Paediatric Dentistry Part 2	6	Semester 1
DENT5039 Growth and Development	6	Semester 1
DENT6011 Dental Research Studies 2	6	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	Semester 2
DENT5043 Management of Orofacial Trauma Part 2	6	Semester 1

Unit of study	Credit points	Session
DENT5044 Paediatric Medicine and Surgery	6	Semester 1
DENT5045 Management of Children's Special Needs	6	Semester 1
DENT6013 Dental Research Studies 4	6	Semester 1
DENT5046 Dental Anomalies and Genetics 2	6	Semester 2
DENT5047 Paediatric Oral Pathology and Medicine 2	6	Semester 2
DENT5048 Specialist Paediatric Practice	6	Semester 2
DENT6014 Dental Research Studies 5	6	Semester 2

Units of study

DENT5031

Behaviour Management

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, A/Prof Richard Widmer, Dr Jane McDonald, Dr Doug Stewart **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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, 3rd Edition

DENT5032

Child Assessment and Treatment Planning

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert and Specialist Paediatric Dental Staff **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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, 3rd Edition

DENT5033

Preventive Dentistry 1

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert and Specialist Paediatric Dental Staff. Sarah McKay (Dietitian) **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3hr written exam (25%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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, 3rd Edition

DENT6000

Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Manish Arora **Session:** Semester 1 **Classes:** 1x2hr tutorial/week x 10weeks **Assessment:** examination (50%) and weekly assignment (50%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative), M Phil.

This course is designed as an introduction to research methodology for those students undertaking postgraduate training at the Faculty of Dentistry. Subjects taught within this course are designed to provide fundamental skills in critical appraisal of scientific literature and also assist the student in planning their research project. The ability to critically evaluate journal articles is seen as an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. All course material is provided on compact discs and through Blackboard (formerly WebCT) via the University of Sydney's website. A detailed series of notes, tutorial exercises and recorded mini-lectures are included in the study material. Students are required to complete one tutorial exercise/assignment each week. Weekly tutorial sessions are held at Westmead Hospital and Sydney Dental Hospital.

Topics covered include epidemiologic study design, measures of disease frequency and association, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles. An introduction into diagnostic test studies, systematic reviews and basic biostatistics is also provided.

Textbooks

An Introduction to Medical Statistics 3rd Edition. Author: Martin Bland. Publisher: Oxford University Press. Copyright: 2000.

DENT5034

Restorative Paediatric Dentistry Part 1

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert and Specialist Paediatric Dental Staff **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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, 3rd Edition

DENT5035

Management of Orofacial Trauma 1

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert and Specialist Paediatric Dental Staff. **Session:** Semester 2 **Classes:** Clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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, 3rd Edition

DENT5036

Community Paediatric Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, A/Prof Wendell Evans, Prof Andy Blinkhorn, Dr Peter Denison, A/Prof Peter Barnard **Session:** Semester 2 **Classes:** 4x3hr tut **Assessment:** tutorials (50%), 1x3hr written exam (25%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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, 3rd Edition

DENT6010

Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative).

This unit provides the introduction to a research project, including the development of a research proposal and literature review.

DENT5037**Preventive Dentistry 2**

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff, Sarah McKay (Dietitian) **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 (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT5038**Restorative Paediatric Dentistry Part 2**

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff **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 (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

This course follows on from Restorative Dentistry Part 1 and ensures that trainees have advanced knowledge of paediatric restorative techniques. It will 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, 3rd Edition to be distributed in class.

DENT5039**Growth and Development**

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, A/Prof Angus Cameron, A/Prof Richard Widmer, Dr Meredith Wilson, Dr Leslie Ades, Prof David Sillence **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3hr tut **Assessment:** clinical prac (50%), tutorials (50%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

The student must understand the basic processes of normal growth and development and how perturbations 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, 3rd Edition

DENT6011**Dental Research Studies 2**

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5040**Dental Anomalies and Genetics 1**

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT5041**Paediatric Oral Pathology and Medicine 1**

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff, Dr Mark Schifter **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3hr written exam (25%), 1x viva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT5042**Development of the Occlusion**

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff, Dr Julia Dando, Prof Ali Darendelliar **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1x viva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT6012

Dental Research Studies 3

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5043

Management of Orofacial Trauma Part 2

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental and OMFS Staff., A/Prof Chris Griffiths **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%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT5044

Paediatric Medicine and Surgery

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff, Children's Hospital Specialists **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:** clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT5045

Management of Children's Special Needs

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff, Dr Mark Schifter, Dr Leda Mugayar, Children's Hospital Specialists **Session:** Semester 1 **Classes:** clinical prac 24hr/wk, 4x3 hr tut **Assessment:**

clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT6013

Dental Research Studies 4

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data acquisition and analysis.

DENT5046

Dental Anomalies and Genetics 2

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental and ORS Staff, Dr Meredith Wilson **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%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT5047

Paediatric Oral Pathology and Medicine 2

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff, Dr Mark Schifter, Children's Hospital Specialists **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%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT5048

Specialist Paediatric Practice

Credit points: 6 **Teacher/Coordinator:** Dr Sally Hibbert, Specialist Paediatric Dental Staff and Visiting Paediatric Specialists, A/Prof Chris Griffiths, Guild Insurance Ltd **Session:** Semester 2 **Classes:** clinical prac 24hr/wk, 4x3 hr tut

Assessment: clinical prac (25%), tutorials (25%), 1x3 hr written exam (25%), 1xviva (25%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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, 3rd Edition

DENT6014

Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Treatise examination (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data analysis, treatise write-up and submission.

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

Doctor of Clinical Dentistry (Periodontics)

Course code and overview: EB004 (DClinDent), EF009 (Grad Dip), EG004 (Grad Cert)

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

Admission

Admission normally requires a Bachelor of Dental Surgery or equivalent plus a minimum of two years general practice experience. A successful applicant must be registerable as a dentist in New South Wales. In addition, candidates are required to attend an interview prior to selection for admission. Unless exempted by the faculty, applicants must have satisfactorily completed the primary Fellowship Examination of the Royal Australasian College of Dental Surgeons, or its equivalent. The closing date for applications is 31 March for commencement in the following year. The course currently accepts two to three students every second year; i.e. entry is in alternate years.

Duration

The Doctor of Clinical Dentistry course requires three years full-time study. A Graduate Diploma and Graduate Certificate in Oral Biology are available as exit awards only, after one year and one semester of full time study respectively.

Further information

Contact the course coordinator:
To be advised

Units of study

Unit of study	Credit points	Session
DENT5401 Clinical Periodontics 1A	6	Semester 1
DENT5402 Periodontal Implants 1A	6	Semester 1
DENT5403 Periodontology 1A	6	Semester 1
DENT6000 Research Methods in Dentistry	6	Semester 1
DENT5404 Clinical Periodontics 1B	6	Semester 2
DENT5405 Periodontal Implants 1B	6	Semester 2
DENT5406 Periodontology 1B	6	Semester 2
DENT6010 Dental Research Studies 1	6	Semester 2
DENT5407 Clinical Periodontics 2A	6	Semester 1
DENT5408 Periodontal Implants 2A	6	Semester 1
DENT5409 Periodontology 2A	6	Semester 1
DENT6011 Dental Research Studies 2	6	Semester 1
DENT5410 Clinical Periodontics 2B	6	Semester 2
DENT5411 Periodontal Implants 2B	6	Semester 2
DENT5412 Periodontology 2B	6	Semester 2
DENT6012 Dental Research Studies 3	6	Semester 2
DENT5413 Clinical Periodontics 3A	6	Semester 1
DENT5414 Periodontal Implants 3A	6	Semester 1

Unit of study	Credit points	Session
DENT5415 Periodontology 3A	6	Semester 1
DENT6013 Dental Research Studies 4	6	Semester 1
DENT5416 Clinical Periodontics 3B	6	Semester 2
DENT5417 Periodontal Implants 3B	6	Semester 2
DENT5418 Periodontology 3B	6	Semester 2
DENT6014 Dental Research Studies 5	6	Semester 2

Units of study

DENT5401

Clinical Periodontics 1A

Credit points: 6 **Teacher/Coordinator:** Associate Professor Chris Daly
Session: Semester 1 **Classes:** 4 to 6 x ½ 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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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 & Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5402

Periodontal Implants 1A

Credit points: 6 **Teacher/Coordinator:** Associate Professor Stephen Yeung
Session: Semester 1 **Classes:** Clinical work and small group seminars **Corequisites:** DENT5401 and DENT5403 **Assessment:** Clinical work, written assignment and an examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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:** Associate Professor Chris Daly
Session: Semester 1 **Classes:** 15 x 1.5 hr seminars **Corequisites:** DENT5401 and DENT5402 **Assessment:** End of year examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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 & 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 Manish Arora **Session:** Semester 1 **Classes:** 1x2hr tutorial/week x 10weeks **Assessment:** examination (50%) and weekly assignment (50%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative), M Phil.

This course is designed as an introduction to research methodology for those students undertaking postgraduate training at the Faculty of Dentistry. Subjects taught within this course are designed to provide fundamental skills in critical appraisal of scientific literature and also assist the student in planning their research project. The ability to critically evaluate journal articles is seen as an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. All course material is provided on compact discs and through Blackboard (formerly WebCT) via the University of Sydney's website. A detailed series of notes, tutorial exercises and recorded mini-lectures are included in the study material. Students are required to complete one tutorial exercise/assignment each week. Weekly tutorial sessions are held at Westmead Hospital and Sydney Dental Hospital.

Topics covered include epidemiologic study design, measures of disease frequency and association, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles. An introduction into diagnostic test studies, systematic reviews and basic biostatistics is also provided.

Textbooks

An Introduction to Medical Statistics 3rd Edition. Author: Martin Bland. Publisher: Oxford University Press. Copyright: 2000.

DENT5404**Clinical Periodontics 1B**

Credit points: 6 **Teacher/Coordinator:** Associate Professor Chris Daly **Session:** Semester 2 **Classes:** 4 to 6 x ½ 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. **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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 & Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5405**Periodontal Implants 1B**

Credit points: 6 **Teacher/Coordinator:** Associate Professor Stephen Yeung **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 examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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:** Associate Professor Chris Daly **Session:** Semester 2 **Classes:** 18 x 1.5 hr seminars **Prerequisites:** (DENT5401 and DENT5402 and DENT5403) or DENT6326 **Corequisites:** DENT5404 and DENT5405 **Assessment:** End of year examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

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 & 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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative).

This unit provides the introduction to a research project, including the development of a research proposal and literature review.

DENT5407**Clinical Periodontics 2A**

Credit points: 6 **Teacher/Coordinator:** Associate Professor Chris Daly **Session:** Semester 1 **Classes:** 4 to 6 x ½ 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. **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5408**Periodontal Implants 2A**

Credit points: 6 **Teacher/Coordinator:** Associate Professor Stephen Yeung **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 examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Associate Professor Chris Daly
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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & 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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5410

Clinical Periodontics 2B

Credit points: 6 **Teacher/Coordinator:** Associate Professor Chris Daly
Session: Semester 2 **Classes:** 4 to 6 x ½ 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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5411

Periodontal Implants 2B

Credit points: 6 **Teacher/Coordinator:** Associate Professor Stephen Yeung
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 examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Associate Professor Chris Daly
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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & 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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5413

Clinical Periodontics 3A

Credit points: 6 **Teacher/Coordinator:** Associate Professor Chris Daly
Session: Semester 1 **Classes:** 4 to 6 x ½ 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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5414

Periodontal Implants 3A

Credit points: 6 **Teacher/Coordinator:** Associate Professor Stephen Yeung
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 examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Associate Professor Chris Daly **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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & 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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data acquisition and analysis.

DENT5416

Clinical Periodontics 3B

Credit points: 6 **Teacher/Coordinator:** Associate Professor Chris Daly **Session:** Semester 2 **Classes:** 4 to 6 x ½ 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. **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & Lang (2008) Clinical Periodontology and Implant Dentistry (5th ed.).

DENT5417

Periodontal Implants 3B

Credit points: 6 **Teacher/Coordinator:** Associate Professor Stephen Yeung **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 examination **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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:** Associate Professor Chris Daly **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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

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 & 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:** Professor Greg Murray **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:** Treatise examination (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data analysis, treatise write-up and submission.

Doctor of Clinical Dentistry (Prosthodontics) Graduate Diploma in Clinical Dentistry (Restorative) Graduate Certificate in Clinical Dentistry (Restorative)

Course code and overview: , EB005 (DClinDent), EF006 (Grad Dip); EG001 (Grad Cert)

These courses provide the opportunity to develop skills and acquire knowledge in advanced restorative dentistry and prosthodontics. The Graduate Certificate (Restorative) and Graduate Diploma (Restorative) are embedded within the Doctor of Clinical Dentistry (Prosthodontics) and provide the students the opportunity to complete selected units of study.

Admission

Admission normally requires a Bachelor of Dental Surgery or equivalent plus a minimum of two years general practice experience. In addition, candidates are required to attend an interview prior to selection for admission. Unless exempted by the faculty, applicants must have satisfactorily completed the primary Fellowship Examination of the Royal Australasian College of Dental Surgeons, or its equivalent. The closing date for applications is 31 March for commencement in the following year. Applicants have the option of applying for entry at the graduate certificate, graduate diploma or master's level; the level they are admitted at will be at the discretion of the Course Coordinator.

Duration

The Doctor of Clinical Dentistry (Prosthodontics) requires three years of full-time study. The graduate diploma requires one year of full-time study and the graduate certificate one semester of full-time study.

Further information

Contact the course coordinator:
Professor Iven Klineberg
Email: ntasha.pavic@sydney.edu.au

Units of study

Unit of study	Credit points	Session
DENT6371 Foundation: Fixed & 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 & Removable Prosthodontics 1	6	Semester 2
DENT6386 Restorative Dentistry 1	6	Semester 2
DENT6389 Orofacial Pain 1	6	Semester 2
DENT6010 Dental Research Studies 1	6	Semester 2
DENT6390 Advanced Clinical Prosthodontics 1A	6	Semester 1
DENT6391 Advanced Clinical Prosthodontics 1B	6	Semester 1
DENT6392 Advanced Clinical Prosthodontics 1C	6	Semester 1
DENT6011 Dental Research Studies 2	6	Semester 1
DENT6394 Advanced Clinical Prosthodontics 2A	6	Semester 2
DENT6395 Advanced Clinical Prosthodontics 2B	6	Semester 2

Unit of study	Credit points	Session
DENT6396 Advanced Clinical Prosthodontics 2C	6	Semester 2
DENT6012 Dental Research Studies 3	6	Semester 2
DENT6398 Advanced Clinical Prosthodontics 3A	6	Semester 1
DENT6399 Advanced Clinical Prosthodontics 3B	6	Semester 1
DENT6400 Advanced Clinical Prosthodontics 3C	6	Semester 1
DENT6013 Dental Research Studies 4	6	Semester 1
DENT6412 Advanced Clinical Prosthodontics 4A	6	Semester 2
DENT6413 Advanced Clinical Prosthodontics 4B	6	Semester 2
DENT6414 Advanced Clinical Prosthodontics 4C	6	Semester 2
DENT6014 Dental Research Studies 5	6	Semester 2

Units of study

DENT6371

Foundation: Fixed & 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%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: D Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent (Restorative).

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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent (Restorative).

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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent (Restorative).

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 Manish Arora **Session:** Semester 1 **Classes:** 1x2hr tutorial/week x 10weeks **Assessment:** examination (50%)

and weekly assignment (50%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative), M Phil.

This course is designed as an introduction to research methodology for those students undertaking postgraduate training at the Faculty of Dentistry. Subjects taught within this course are designed to provide fundamental skills in critical appraisal of scientific literature and also assist the student in planning their research project. The ability to critically evaluate journal articles is seen as an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. All course material is provided on compact discs and through Blackboard (formerly WebCT) via the University of Sydney's website. A detailed series of notes, tutorial exercises and recorded mini-lectures are included in the study material. Students are required to complete one tutorial exercise/assignment each week. Weekly tutorial sessions are held at Westmead Hospital and Sydney Dental Hospital.

Topics covered include epidemiologic study design, measures of disease frequency and association, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles. An introduction into diagnostic test studies, systematic reviews and basic biostatistics is also provided.

Textbooks

An Introduction to Medical Statistics 3rd Edition. Author: Martin Bland. Publisher: Oxford University Press. Copyright: 2000.

DENT6372

Fixed & Removable Prosthodontics 1

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** 1x5day 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%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: D Clin Dent, Grad Dip Clin Dent (Restorative).

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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent (Restorative).

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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent (Restorative).

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:** Professor Greg Murray **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:**

Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative).

This unit provides the introduction to a research project, including the development of a research proposal and literature review.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data acquisition and analysis.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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 **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Treatise examination (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data analysis, treatise write-up and submission.

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

Doctor of Clinical Dentistry (Special Care Dentistry)

Course code and overview: EB006 (DClinDent), EF008 (Grad Dip), EG003 (Grad Cert)

This course provides advanced didactic, clinical and research training designed to prepare the candidate for a career at the specialist level in Special Care Dentistry, and to provide a basis to pursue a career pathway in research and/or clinical academic positions.

Admission

Admission normally requires a Bachelor of Dental Surgery or equivalent plus two years general practice experience. The closing date for applications is 31 March for commencement in the following year.

Duration

The Doctor of Clinical Dentistry requires three years of full-time study. A Graduate Diploma and Graduate Certificate in Hospital Dentistry are available as exit awards only, after one year and one semester of full time study respectively.

Further information

Contact the course coordinator:

Dr Mark Schifter

Email: mark_schifter@wsahs.nsw.gov.au

Units of study

Unit of study	Credit points	Session
DENT5200 Applied Oral Biology	6	Semester 1
DENT5201 Oral Medicine and Oral Pathology 1	6	Semester 1
DENT5202 Internal and General Medicine 1A	6	Semester 1
DENT6000 Research Methods in Dentistry	6	Semester 1
DENT5203 Oral Medicine 1	6	Semester 2
DENT5204 Oral Pathology 1	6	Semester 2
DENT5205 Internal and General Medicine 1B	6	Semester 2
DENT6010 Dental Research Studies 1	6	Semester 2
DENT5230 Behaviour and Dental Management 3	6	Semester 1
DENT5231 Growth, Development and Aging 1	6	Semester 1
DENT5232 Restorative Dentistry 1	6	Semester 1
DENT6011 Dental Research Studies 2	6	Semester 1
DENT5233 Behaviour and Dental Management 2	6	Semester 2
DENT5234 Growth, Development and Aging 2	6	Semester 2
DENT5235 Restorative Dentistry 2	6	Semester 2
DENT6012 Dental Research Studies 3	6	Semester 2
DENT5236 Behaviour and Dental Management 3	6	Semester 1
DENT5237 Growth, Development and Aging 3	6	Semester 1
DENT5238 Oral Rehabilitation	6	Semester 1
DENT6013 Dental Research Studies 4	6	Semester 1

Unit of study	Credit points	Session
DENT5239 Behaviour and Dental Management 4	6	Semester 2
DENT5240 Growth, Development and Aging 4	6	Semester 2
DENT5013 Preventative Dentistry	6	Semester 2
DENT6014 Dental Research Studies 5	6	Semester 2

Units of study

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 **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

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

DENT5201

Oral Medicine and Oral Pathology 1

Credit points: 6 **Teacher/Coordinator:** Dr 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 DENT5200 and DENT5202 **Assessment:** continuous clinical assessment (50%), viva voce (50%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations; differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases .

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

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.

DENT5202

Internal and General Medicine 1A

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter
Session: Semester 1 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr, basic physicians training course x 3 hrs (per week) **Corequisites:** DENT6000 and DENT5200 and DENT5201 **Assessment:** continuous clinical assessment (50%); viva voce (50%). **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Dip Clin Dent.

Candidates rotate through various medical speciality 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.

Attendance at the FRACP trainee physician's lecture series held weekly in two blocks of six months over two years covers the spectrum of topics relevant to internal medicine. The lecture series covers the spectrum of internal medicine including the aetiology, pathogenesis, diagnosis, management, prevention and epidemiology of disease. The series covers the main areas of immunology, molecular biology and genetics, endocrinology, neurology, renal medicine, gastroenterology and hepatology, rheumatology, pharmacology, haematology, infectious diseases, respiratory medicine, cardiology, oncology, social and community medicine.

Candidates also attend the Medical Grand Rounds at Westmead Hospital.

DENT6000

Research Methods in Dentistry

Credit points: 6 **Teacher/Coordinator:** Dr Manish Arora **Session:** Semester 1 **Classes:** 1x2hr tutorial/week x 10weeks **Assessment:** examination (50%) and weekly assignment (50%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Cert Clin Dent, Grad Cert Clin Dent (Restorative), Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative), M Phil.

This course is designed as an introduction to research methodology for those students undertaking postgraduate training at the Faculty of Dentistry. Subjects taught within this course are designed to provide fundamental skills in critical appraisal of scientific literature and also assist the student in planning their research project. The ability to critically evaluate journal articles is seen as an indispensable tool in the pursuit of clinical practice founded on Evidence-Based Dentistry. All course material is provided on compact discs and through Blackboard (formerly WebCT) via the University of Sydney's website. A detailed series of notes, tutorial exercises and recorded mini-lectures are included in the study material. Students are required to complete one tutorial exercise/assignment each week. Weekly tutorial sessions are held at Westmead Hospital and Sydney Dental Hospital.

Topics covered include epidemiologic study design, measures of disease frequency and association, as well as confounding, bias and measurement error. Considerable attention is paid to critical appraisal of journal articles. An introduction into diagnostic test studies, systematic reviews and basic biostatistics is also provided.

Textbooks

An Introduction to Medical Statistics 3rd Edition. Author: Martin Bland. Publisher: Oxford University Press. Copyright: 2000.

DENT5203

Oral Medicine 1

Credit points: 6 **Teacher/Coordinator:** Dr Mark Schifter, Associate Professor Hedley Coleman, Associate Professor Hans Zoellner, Dr Anastasia Georgiou, Dr Sue-Ching Yeoh **Session:** Semester 2 **Classes:** oral medicine clinic x 10 hrs, biopsy clinic x 3 hours, medically complex clinic x 4hrs, oral medicine conference x 3hrs (per week) **Prerequisites:** (DENT6000 and DENT5200 and DENT5201 and DENT5202) or DENT6126 **Corequisites:** DENT6010 and DENT5204 and DENT5205 **Assessment:** continued clinical assessment (30%), 1x 2000 word essays (10%), written paper x 2 hrs (40%), viva voce (20%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

Principles of effective diagnostic procedure are reinforced through supervised clinical training. Emphasis is placed on history taking and examination; application and interpretation of special investigations; differential diagnosis; treatment planning; clinical records and quality of care evaluation; and the development of effective communication skills in interdisciplinary clinical practice. Principles and practice of pharmacology.

Topics include; processes of inflammation and repair, hamartomas, oral dermatoses, neoplasia, orofacial infections, salivary gland diseases, neurological disorders and pain syndromes. Oral conditions of systemic significance include manifestations of: haematological and other malignancies and their treatment, immunosuppression (eg. HIV), autoimmune diseases, psychogenic disorders with orofacial features.

Review of relevant histopathology cases.

Medically complex clinics focus on aspects of internal medicine of concern to the provision of safe and effective dental treatment in patients with severe medical conditions. Topics include: defective haemostasis, blood transfusion requirements, endocarditis prophylaxis, bisphosphonate therapy, drug interactions, infectious diseases, allergy, immunosuppression, chemotherapy, radiation oncology, palliative care, endocrine therapy, geriatrics, physical handicaps, psychiatric illness and chronic pain problems.

Principles and practice of diagnostic dental and maxillofacial radiology are reinforced, with direct practical experience with a focus on extra-oral techniques. Discussions on diagnostic/interpretive imaging, including plain film radiography, sialography, angiography, CT and MRI.

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

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 DENT5200 and DENT5201 and DENT5202) or DENT6126 **Corequisites:** DENT6010 and DENT5203 and DENT5205 **Assessment:** 1x2hr written exam (50%), viva voce (50%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

The course covers a review of relevant aspects of oral biology including bone, mucosa, salivary glands and tooth development.

Oral pathology is introduced by investigating the clinico-pathological features of soft and hard tissue pathoses including inflammatory and repair processes, hamartomas, mucosal and salivary gland diseases, fibro-osseous lesions, benign and malignant non-odontogenic and odontogenic neoplasms, cysts of the jaws and soft tissues of the head and neck.

Weekly departmental review of the current histopathology cases, particularly biopsies of patients undertaken or seen in the Oral Medicine clinics, or Head and Neck oncology clinics.

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 Bouquet.

Oral Pathology Clinical Pathologic Correlations, JA Regezi, JJ Sciubba, RCK Jordan

DENT5205

Internal and General Medicine 1B

Credit points: 6 **Teacher/Coordinator:** Dr Michael Veness, Dr Gary Morgan, Dr Carsten Palme, Dr John Sullivan, A/Prof Ken Bradstock, Dr Mark Schifter
Session: Semester 2 **Classes:** medical rotations x3hrs, medical grand rounds x 1 hr, basic physicians training course x 3 hrs (per week) **Prerequisites:** (DENT6000 and DENT5200 and DENT5201 and DENT5202) or DENT6126
Corequisites: DENT6010 and DENT5203 and DENT5204 **Assessment:** continuous clinical assessment (50%); viva voce (50%). **Campus:** Westmead
Mode of delivery: Clinical Experience

Associated degrees: D Clin Dent, Grad Dip Clin Dent.

Candidates rotate through various medical speciality 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.

Attendance at the FRACP trainee physician's lecture series held weekly in two blocks of six months over two years covers the spectrum of topics relevant to internal medicine. The lecture series covers the spectrum of internal medicine including the aetiology, pathogenesis, diagnosis, management, prevention and epidemiology of disease. The series covers the main areas of immunology, molecular biology and genetics, endocrinology, neurology, renal medicine, gastroenterology and hepatology, rheumatology, pharmacology, haematology, infectious diseases, respiratory medicine, cardiology, oncology, social and community medicine.

Candidates also attend the Medical Grand Rounds at Westmead Hospital.

DENT6010

Dental Research Studies 1

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Clin Dent, Grad Dip Clin Dent (Restorative).

This unit provides the introduction to a research project, including the development of a research proposal and literature review.

DENT5230

Behaviour and Dental Management 3

Credit points: 6 **Teacher/Coordinator:** Dr Leda Mugayar **Session:** Semester 1 **Classes:** clinical prac 20 hr/wk, 1x3hr tut, 5x1hr lect **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Dr Leda Mugayar, 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%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Dr Leda Mugayar and Dr Christine Wallace **Session:** Semester 1 **Classes:** clinical prac 25.5 hr/wk **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5233

Behaviour and Dental Management 2

Credit points: 6 **Teacher/Coordinator:** Dr Leda Mugayar **Session:** Semester 2 **Classes:** clinical prac 20 hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5230 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Dr Leda Mugayar, 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%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Dr Leda Mugayar and Dr Christine Wallace **Session:** Semester 2 **Classes:** clinical prac 25.5 hr/wk **Prerequisites:** DENT5232 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including the refinement of research methodology and data acquisition.

DENT5236 Behaviour and Dental Management 3

Credit points: 6 **Teacher/Coordinator:** Dr Leda Mugayar **Session:** Semester 1 **Classes:** clinical prac 20hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5230 and DENT5233 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Dr Leda Mugayar, 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%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Dr Leda Mugayar and Dr Christine Wallace **Session:** Semester 1 **Classes:** clinical prac 25.5hr/wk **Prerequisites:** DENT5235 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Professor Greg Murray **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:** Assignments (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data acquisition and analysis.

DENT5239 Behaviour and Dental Management 4

Credit points: 6 **Teacher/Coordinator:** Dr Leda Mugayar **Session:** Semester 2 **Classes:** clinical prac 20hr/wk, 1x3hr tut, 5x1hr lect **Prerequisites:** DENT5236 **Assessment:** tutorials (20%), clinical (50%), exams (30%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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:** Dr Leda Mugayar, 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%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: D Clin Dent.

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.

DENT5013 Preventative Dentistry

Credit points: 6 **Teacher/Coordinator:** Associate Professor Wendell Evans **Session:** Semester 2 **Classes:** 30hrs consisting of 10x(1hr lecture/seminar and 2hr tutorial) **Prerequisites:** (PUBH5010 and PUBH5018) or DENT6000 **Assessment:** individual written assignments (70%), tutorial discussion and group-work participation (30%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Int P H, Grad Dip P H, M Int P H, M P H.

To provide students with sufficient background and appreciation of the importance of preventive dentistry and oral health promotion 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. The following topics will be covered: principles of prevention; oral diseases and conditions of public health concern - a review; the epidemiology of the common oral problems; prevention of dental caries; prevention of periodontal disease; prevention of other diseases of oral health concern; evidence-based preventive dental care; principles of health education, health protection, and oral health promotion; and analysis of health education and oral health promotion

initiatives. On the completion of this unit of study, the student will be able to: understand the efficacy and effectiveness of risk reduction strategies in relation to the common oral problems and conditions; select interventions and strategies for the prevention and control of oral disease and the promotion of oral health; and understand the limitations of health education and the potential for oral health improvement through effective oral health promotion strategies.

Textbooks

Fejerskov O, Ekstrand J, Burt BA (Editors) (1996). Fluoride in dentistry, 2nd edition. Copenhagen: Munksgaard.
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. Second edition. Sydney: McGraw-Hill, 2005.

DENT6014

Dental Research Studies 5

Credit points: 6 **Teacher/Coordinator:** Professor Greg Murray **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:** Treatise examination (100%) **Campus:** Surry Hills **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent.

This unit provides continuation of a research project, including data analysis, treatise write-up and submission.

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

Course code and overview: EF001

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

Admission

A Bachelor of Dental Surgery or equivalent degree registrable with the Australian Dental Board. Application must include three referees' reports and a letter of intent. The closing date for applications is 31 March for commencement in the following year.

Duration

The course is completed over two years part-time.

Further information

Contact the Program Director
Clin Assoc Prof Doug Stewart
Email: Douglas_Stewart@wsahs.nsw.gov.au

Units of study

Unit of study	Credit points	Session
DENT5300 Basic Life Support and Resuscitation A	6	Semester 1
DENT5301 Theory and Practice of Dental Sedation A	6	Semester 1
DENT5302 Basic Life Support and Resuscitation B	6	Semester 2
DENT5303 Theory and Practice of Dental Sedation B	6	Semester 2
DENT5304 Basic Life Support and Resuscitation C	6	Semester 1
DENT5305 Theory and Practice of Dental Sedation C	6	Semester 1
DENT5306 Basic Life Support and Resuscitation D	6	Semester 2
DENT5307 Theory and Practice of Dental Sedation D	6	Semester 2

Units of study

Year 1

DENT5300

Basic Life Support and Resuscitation A

Credit points: 6 **Teacher/Coordinator:** Dr Douglas Stewart **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions. **Corequisites:** DENT5301 **Assessment:** Clinical and theoretical work **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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 Douglas Stewart **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions **Corequisites:**

DENT5300 **Assessment:** Clinical and theoretical work comprising written assignments **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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 Douglas Stewart **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** (DENT5300 and DENT5301) or (DENT5251 and DENT5261 and DENT5271) **Corequisites:** DENT5303 **Assessment:** Clinical and theoretical work **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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:** Clinical and theoretical work comprising written assignments **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** (DENT5300 and DENT5301) or (DENT5251 and DENT5261 and DENT5271) **Corequisites:** DENT5302 **Assessment:** Clinical and theoretical work comprising written assignments **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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 Douglas Stewart **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions **Prerequisites:** (DENT5302 and DENT5303) or (DENT5252 and DENT5262 and DENT5272) **Corequisites:** DENT5305 **Assessment:** Clinical and theoretical work **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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 Douglas Stewart **Session:** Semester 1 **Classes:** Small group seminars and clinical sessions **Prerequisites:** (DENT5302 and DENT5303) or (DENT5252 and DENT5262 and DENT5272) **Corequisites:** DENT5304 **Assessment:** Clinical and theoretical work comprising written assignments **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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 Douglas Stewart **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** (DENT5304 and DENT5305) or (DENT5253 and DENT5263 and DENT5273) **Corequisites:** DENT5307 **Assessment:** Clinical and theoretical work **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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 Douglas Stewart **Session:** Semester 2 **Classes:** Small group seminars and clinical sessions **Prerequisites:** (DENT5304 and DENT5305) or (DENT5253 and DENT5263 and DENT5273) **Corequisites:** DENT5306 **Assessment:** Clinical and theoretical work comprising written assignments **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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.

Total: 48 credit points

Graduate Diploma in Clinical Dentistry (Oral Implants)

Course code and overview: EF002

The course aims to provide dental graduates with the skills and knowledge to give 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 implant treatment for general dental practice. Graduates of the program have the skills and knowledge to provide oral implant treatment in general dental practice.

Admission

Admission normally requires a Bachelor of Dentistry or equivalent which is registrable for practice with the Australian Dental Board. In addition, applicants must demonstrate interest in and knowledge of oral implants and have experience in dento-alveolar surgery. Applications close on 31 March for commencement the following year.

Duration

The course is completed over 1.5 years part-time.

Further information

Contact the course coordinator:
Professor Iven Klineberg
Email: dent.oralimplant@sydney.edu.au

Units of study

Unit of study	Credit points	Session
DENT5020 Implant Patient Selection	6	Semester 1
DENT5021 Implant Treatment Planning 1	6	Semester 1
DENT5022 Implant Treatment Planning 2	6	Semester 1
DENT5023 Implant Clinical Procedures 1	6	Semester 2
DENT5024 Implant Clinical Procedures 2	6	Semester 2
DENT5025 Implant Prosthodontics	6	Semester 1
DENT5026 Implant Surgery - Prosthodontics	6	Semester 1
DENT5027 Implant Advanced Procedures	6	Semester 1

Units of study

Year 1

DENT5020

Implant Patient Selection

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** 1x7day block (8am - 5pm)) + 3x3hr mentored clinical sessions in private practice + self-directed study **Corequisites:** DENT5021 and DENT5022 **Assessment:** case selection (80%) + log book details (20%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Grad Dip Clin Dent.

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:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** 1x5day block (8am - 5pm) + 3x3hr mentored clinical sessions in private practice + self-directed study **Corequisites:** DENT5020 and DENT5022 **Assessment:** clinical case (1+2+3+4) presentations (formative) + clinical mentor feedback (80%) + log book details (20%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Grad Dip Clin Dent.

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:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** clinical experience + 3x3hr mentored clinical sessions in private practice + self-directed study **Corequisites:** DENT5020 and DENT5021 **Assessment:** 1x3000word assignment (100%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** 1x5day block (8am - 5pm) + 3x3hr mentored clinical sessions in private practice + self-directed study **Prerequisites:** (DENT5020 and DENT5021 and DENT5022) or DENT5357 **Corequisites:** DENT5024 **Assessment:** clinical case (1+2) presentations (summative) (80%) + log book details (20%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Grad Dip Clin Dent.

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:** Professor Iven Klineberg **Session:** Semester 2 **Classes:** clinical experience + 3x3hr mentored clinical sessions in private practice + self-directed study **Prerequisites:** (DENT5020 and DENT5021 and DENT5022) or DENT5357 **Corequisites:** DENT5023 **Assessment:** clinical mentor feedback (30%) + barrier assessment / viva voce (70%) **Campus:** Westmead **Mode of delivery:** Clinical Experience

Associated degrees: Grad Dip Clin Dent.

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 Prosthodontics

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** 1x5day block (8am - 5pm) + 3x3hr mentored clinical sessions in private practice + self-directed study **Prerequisites:** (DENT5023 and DENT5024) or DENT5358 **Corequisites:** DENT5026 and DENT5027 **Assessment:** 1x3000word assignment (80%) + log book details (20%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Grad Dip Clin Dent.

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

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** 1x5day block (8am - 5pm) + 5x3hr mentored clinical sessions in private practice + self-directed study **Prerequisites:** (DENT5023 and DENT5024) or DENT5358 **Corequisites:** DENT5025 and DENT5027 **Assessment:** clinical case (3+4) presentations (summative) (40%) + clinical mentor feedback (30%) + assignment 2 presentation (20%) + log book details (10%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Grad Dip Clin Dent.

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:** Professor Iven Klineberg **Session:** Semester 1 **Classes:** 1x4day block (8am - 5pm) **Prerequisites:** (DENT5023 and DENT5024) or DENT5358 **Corequisites:** DENT5025 and DENT5026 **Assessment:** 1x3hr written examination (40%) + viva voce (30mins) (40%) + case documentation (10%) + log book details (10%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Grad Dip Clin Dent.

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.

Total: 48 credit points

Population Oral Health

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/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

Contact the course coordinator:
Professor Anthony Blinkhorn
Email: anthony.blinkhorn@sydney.edu.au

Units of study

Unit of study	Credit points	Session
DENT5013 Preventative Dentistry	6	Semester 2
DENT5014 Dental Health Services	6	Semester 2
DENT5015 Population Oral Health	6	Semester 2

Units of study

Semester 2

DENT5013 Preventative Dentistry

Credit points: 6 **Teacher/Coordinator:** Associate Professor Wendell Evans **Session:** Semester 2 **Classes:** 30hrs consisting of 10x(1hr lecture/seminar and 2hr tutorial) **Prerequisites:** (PUBH5010 and PUBH5018) or DENT6000 **Assessment:** individual written assignments (70%), tutorial discussion and group-work participation (30%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: D Clin Dent, Grad Dip Int P H, Grad Dip P H, M Int P H, M P H.

To provide students with sufficient background and appreciation of the importance of preventive dentistry and oral health promotion 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. The following topics will be covered: principles of prevention; oral diseases and conditions of public health concern - a review; the epidemiology of the common oral problems; prevention of dental caries; prevention of periodontal disease; prevention of other diseases of oral health concern; evidence-based preventive dental care; principles of health education, health protection, and oral health promotion; and analysis of health education and oral health promotion initiatives. On the completion of this unit of study, the student will be able to: understand the efficacy and effectiveness of risk reduction strategies in relation to the common oral problems and conditions; select interventions and strategies for the prevention and control of oral disease and the promotion of oral health; and understand the limitations of health education and the potential for oral health improvement through effective oral health promotion strategies.

Textbooks

Fejerskov O, Ekstrand J, Burt BA (Editors) (1996). Fluoride in dentistry, 2nd edition. Copenhagen: Munksgaard.
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. Second edition. Sydney: McGraw-Hill, 2005.

DENT5014 Dental Health Services

Credit points: 6 **Teacher/Coordinator:** Associate Professor Peter Dennison **Session:** Semester 2 **Classes:** 30hrs consisting of 10x(1hr lecture/seminar and 2hr tutorial) **Prerequisites:** PUBH5018, PUBH5010 **Assessment:** individual written assignments (70%), tutorial discussion and group-work participation (30%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: Grad Dip Int P H, Grad Dip P H, M Int P H, M P H.

To provide students with sufficient background and appreciation of the role and scope of dental health services within health care 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. The following topics will be covered: dental services in the twenty first century; the primary health care approach; assessment of the role of Western Dentistry (the limits of conventional dentistry); the limitations of a "high-risk" approach for the prevention of dental caries; the common risk factor approach: a rational basis for promoting oral health and strategies for developing oral health care programs in deprived communities; priorities in oral health care services; review of the Save our Kids Smiles program in New South Wales; the prevention of social inequalities in oral health; adult access to dental care in Australia; and ethnic indicators of dental health schoolchildren resident in areas of multiple deprivation. On the completion of this unit of study, students will be able to: understand the principles governing primary health care; understand the principles governing the delivery and management of dental services; and develop resources and implement and manage appropriate dental services for populations.

Textbooks

Pine CM (Editor). Community oral health. Oxford: Wright, 1997.
Murray JJ, Nunn JH, Steele JG (Editors). Prevention of oral disease, 4th edition. Oxford: Oxford University Press, 2003.

DENT5015 Population Oral Health

Credit points: 6 **Teacher/Coordinator:** Dr Shanti Sivanewaran **Session:** Semester 2 **Classes:** 30hrs consisting of 10x(1hr lecture/seminar and 2hr tutorial) **Prerequisites:** (PUBH5015 and PUBH5016) or (PUBH5030, PUBH5031, PUBH5032 and PUBH5033); PUBH5018; PUBH5010 **Assessment:** individual written assignments (70%), tutorial discussion and group-work participation (30%) **Campus:** Westmead **Mode of delivery:** Normal (lecture/lab/tutorial) Day

Associated degrees: Grad Dip Int P H, Grad Dip P H, M Int P H, M P H.

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. The following topics will be covered: the oral health status of Australians - the changing profile; water fluoridation legislation, benefits/risks, the politics of fluoridation, the arguments for and against water fluoridation, how to respond to antifluoridationists; overview of policies and initiatives regarding dental services - the example of New South Wales; and dental workforce and dental services issues. On the completion of this unit of study, students will be able to: evaluate and monitor dental service delivery systems; plan and manage oral health programs for populations; understand the principles governing the development of resources, assets, and the workforce; understand the principles of health policy formulation and review, and the direction and financing of dental services and oral health promotion; understand the principles of economic evaluation; understand the regulations and legislation governing dental practice in New South Wales; design and understand the use of surveillance systems to monitor oral health; and communicate and collaborate with groups and individuals on oral health issues.

Textbooks

Burt BA, Eklund SA. Dentistry, dental practice, and the community, 6th edition. St Louis Missouri: Elsevier Saunders, 2005.
Cohen LK, Gift HC. Disease Prevention and Oral Health Promotion. Copenhagen: Munksgaard, 1995.
Murray JJ, Nunn JH, Steele JG (Editors). Prevention of oral disease, 4th edition. Oxford: Oxford University Press, 2003.

Foundation Studies in Oral Rehabilitation (non-award)

Course code and overview: EK000

This course is designed for new graduates to primarily advance their clinical skills and knowledge base in areas of clinical importance to oral rehabilitation for oral implant treatment and management of occlusion.

Admission

Admission requires a Bachelor of Dentistry or equivalent which is registrable for practice with the Australian Dental Board. In addition, applicants must demonstrate interest and knowledge of oral implants and occlusion. Applications close 1 March for July commencement.

Duration

The course contains two 1-week blocks (July and December) with coursework between blocks and is completed over one semester part-time.

Further information

Contact the course coordinator:
Professor Iven Klineberg
Email: dent.oralimplant@sydney.edu.au

The aim of this unit is to advance clinical practice skills and knowledge-base in areas of clinical importance to occlusion in treatment planning, clinical decision-making and oral implants.

Textbooks

Recommended resources including texts and publications will be provided in class

Units of study

Unit of study	Credit points	Session
DENT5018 Foundation Studies:Oral Rehabilitation 1	6	Int July Semester 2a
DENT5019 Foundation Studies:Oral Rehabilitation 2	6	Int December Semester 2b

Units of study (non-award)

DENT5018

Foundation Studies:Oral Rehabilitation 1

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg **Session:** Int July, Semester 2a **Classes:** Lectures/seminars, pre-clinical simulation, technique exercises, clinical observation and self-directed learning **Assessment:** Barrier of 80% attendance, simulation and technique tasks (20%), observation in practice report (20%), mentor feedback report (10%), case-based literature review (20%), case-based treatment proposal (20%), technique exercises (10%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Dentistry PG Non-Degree.

The program is to be composed of units of study modules to advance clinical practice skills and knowledge-base in areas of clinical importance to oral rehabilitation for oral implant treatment and occlusion.

Textbooks

Recommended resources including texts and publications will be provided in class

DENT5019

Foundation Studies:Oral Rehabilitation 2

Credit points: 6 **Teacher/Coordinator:** Professor Iven Klineberg, Tony Au **Session:** Int December, Semester 2b **Classes:** Lectures/seminars, video learning, clinical sessions on practical application of occlusion in restorative and oral implant procedures **Prerequisites:** DENT5018 **Assessment:** Barrier of 80% attendance, clinical occlusal splint tasks (40%), clinical related analysis documentation (40%), case presentation (20%) **Campus:** Westmead **Mode of delivery:** Block Mode

Associated degrees: Dentistry PG Non-Degree.

Postgraduate research courses and regulations

The Faculty of Dentistry offers the following research degrees:

- Doctor of Dental Science (DDSc)
- Doctor of Philosophy (PhD)
- Master of Philosophy (MPhil)

Doctor of Dental Science (DDSc)

Course overview and code: EA000

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.

Admission requirements

To be eligible for admission, the applicant must hold the degree of Bachelor of Dental Surgery from the University of Sydney
OR

a) the Faculty of Dentistry must deem a graduate of another institution as having equal standing to that of a graduate of the University of Sydney
AND

b) the applicant must have been a full-time member of the academic staff of the University of Sydney for at least three years or have had similar significant involvement with teaching and research
AND

c) the applicant must have been a graduate of the University of Sydney (or an equivalent institution) of at least five years' standing before the degree of Doctor can be awarded.

Published work submitted for examination may be regarded as a distinguished contribution to knowledge if:

- a) it represents a significant advance in knowledge in its chosen field, or
- b) 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
- c) 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 Prima Facie 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.

Doctor of Philosophy (PhD)

Course overview and code: EB000

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.

Full-time PhD students have a minimum of 3 years and maximum of 4 years to submit a thesis for examination. Part-time students have a minimum of 3 years and a maximum of 8 years to submit. The word limit for a thesis submitted to the Faculty of Dentistry is 80,000 words. PhD 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.

Admission requirements

Admission normally requires a master's degree, or a bachelor's degree in a relevant area with first or second class honours from the University of Sydney, or another approved institution.

Resolutions for the Doctor of Philosophy are available on the website: sydney.edu.au/senate/PhD_Rule.pdf.

Master of Philosophy (MPhil)

Course overview and code: EC003

The MPhil is a research degree and is aimed at those who intend to pursue research careers in oral health or a related field. It may also be used as a foundation to commencing a Doctor of Philosophy (PhD). Full-time MPhil students have a minimum of 2 years and maximum of 3 years to submit a thesis for examination. Part-time students have a minimum of 2 years and a maximum of 6 years to submit. 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.

Admission requirements

A bachelor's degree, preferably with honours, in a related area from the University of Sydney or equivalent.

Resolutions

Master of Philosophy

Resolutions of the Senate

1 Requirements for the Master of Philosophy

To qualify for the award of the Master of Philosophy a student must:

- (a) complete a 6 credit point unit of study on research methods plus such courses or units of study, if any, as may be prescribed by the head of the discipline concerned;
- (b) carry out supervised research on a topic approved by the Faculty on the recommendation of the head of the discipline concerned;
- (c) write a thesis embodying the results of this research that passes examination; and
- (d) satisfy the requirements of all other relevant By-Laws, Rules and Resolutions of the University.



Resolutions of the Faculty

1 Course codes

Code	Course title
EC081	Master of Philosophy

2 Admission

- (1) Except as provided in Part 9, section 47 of the University of Sydney (Amendment Act) Rule 1999, the Faculty of Dentistry may admit to candidature for the degree of Master of Philosophy
 - (a) an applicant who holds the degree of bachelor with first or second class honours, or
 - (b) an applicant who holds the degree of bachelor of the University of Sydney or other approved institution without first or second class honours after the applicant has passed a qualifying examination at a standard equivalent to the bachelor's degree with first or second class honours, provided that a faculty may exempt an applicant from the qualifying examination if the applicant has obtained at least a credit in the highest course available in the subject or subjects relevant to the proposed course of advanced study and research.

The qualifying exam may include completion of a period of relevant full-time or part-time advanced study and/or research towards a postgraduate award course in the University of Sydney, at such a standard as would demonstrate to the satisfaction of the faculty that the candidate is suitably prepared in the particular field of study to undertake candidature for the degree of Master of Philosophy.

- (2) The faculty may admit as a candidate for the degree an applicant holding qualifications which, in the opinion of the faculty concerned, are equivalent to those prescribed in (1) above and such candidate shall proceed to the degree under such conditions as the Faculty may prescribe.
- (3) The faculty may require a candidate, as part of the evidence of the candidate's training and ability to pursue the proposed course, to pass a special examination or assessment.
- (4) An applicant, for admission to candidature, shall submit to the Faculty a research proposal as part of the application. This proposal will detail a course of advanced study and research, in which the work is to be carried out to be undertaken by the applicant in a discipline of the Faculty of Dentistry.
- (5) Admission to candidature will be conditional upon the appointment of an appropriate supervisor and associate supervisor as stipulated in the Academic Board Policy entitled "Postgraduate Research Higher Degree Training Supervision at the University of Sydney".

3 Method of Progression

- (1) A candidate for the Master of Philosophy shall proceed by completing a 6 credit point unit of study on research methods and by research and thesis.
- (2) A full-time candidate shall not keep the normal academic year but shall pursue candidature for the degree continuously throughout the year except for a period of 4 weeks recreation leave and shall dedicate a minimum of 35 hours per week to their candidature.
- (3) A candidate who does not comply with section 3(2) should be enrolled as a part-time candidate.

4 Requirements

- (1) A Master of Philosophy candidate proceeding by research shall:
 - (a) complete a 6 credit point unit of study on research methods during the probationary period;

- (b) complete such other courses or units of study, if any, as may be prescribed by the head of the discipline concerned;
 - (c) carry out supervised research on a topic approved by the Faculty on the recommendation of the head of the discipline concerned;
 - (d) write a thesis embodying the results of this research; and
 - (e) lodge with the Registrar three copies of this thesis, typewritten and bound.
- (2) The candidate shall state in the thesis the sources from which the information was derived, the extent to which the work of others has been used and the portion of the work claimed as original.
 - (3) The candidate may include in the thesis published papers of which the candidate is sole or joint author, provided that:
 - (a) the papers are based on work undertaken during the candidature for the degree;
 - (b) the papers are identified as published work;
 - (c) the papers are compatible with the overall coherence and organisation of the text of the thesis; and
 - (d) the candidate provides 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.
 - (4) Any other papers of which the candidate is sole or joint author may be lodged in support of the thesis.
 - (5) The thesis contains original contributions to the knowledge of the subject concerned.
 - (6) The thesis affords evidence of originality by the exercising of independent critical ability.
 - (7) The thesis is a satisfactory literary presentation and the material in the thesis is suitable for publication.
 - (8) The thesis shall be accompanied by a statement from the supervisor stating whether, in the supervisor's opinion, the form of presentation of the thesis is satisfactory.
 - (9) A candidate may not present as the thesis a work which has been presented for a degree in this or another university, but will not be precluded from incorporating such in the thesis provided that in presenting the thesis the candidate indicates the part of the work which has been so incorporated.
 - (10) Satisfy the requirements of all other relevant By-Laws, Rules and Resolutions of the University.

5 Probation

- (1) A candidate will normally be accepted by the Faculty on a probationary basis for a period not exceeding twelve months.
- (2) The provision to waive probationary acceptance would only be exercised in exceptional circumstances. All requests to waive probation will need to be approved by the Chair of the Board of Postgraduate Studies.
- (3) A Probation Review Report must be completed by the candidate's supervisor in consultation with the Postgraduate Coordinator and submitted to the Faculty at least four weeks before the end of probation.
- (4) The Faculty will write to the candidate to advise of the outcome of the probation review, either confirming the candidate's status, extending the probationary period or terminating the candidature.
- (5) In the case of a candidate accepted on a probationary basis under section 5(1), the candidature shall be deemed to have commenced from the date of such acceptance.

6 Enrolment

- (1) A student must be enrolled in each semester in which he or she is actively pursuing the requirements for the award course.
- (2) The candidature of a student who has not re-enrolled and who has not obtained approval from the Faculty for a suspension of candidature for the relevant semester will be deemed to have lapsed.

7 Restrictions on enrolment

- (1) Admission to candidature may be limited by a quota. In determining the quota the Faculty will take into account:
 - (a) availability of resources
 - (b) availability of adequate and appropriate supervision.
- (2) In considering an application for admission the Dean will take into account the quota. Entry will be based on applicants who are most meritorious in terms of section 2 above.

8 Discontinuation of enrolment

- (1) A candidate who wishes to discontinue enrolment from the Master of Philosophy must notify the Faculty in writing and will be presumed to have discontinued enrolment from the date of that notification, unless evidence is produced showing:
 - (a) that the discontinuation occurred at an earlier date; and
 - (b) that there was good reason why the notification could not be made at the earlier time.

9 Suspension of candidature

- (1) A candidate who wishes to suspend their candidature must apply, in writing, to the Faculty.
 - (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 for one semester at any one time. Should a candidate wish to suspend their candidature for more than one semester another application must be made to the Faculty for each subsequent semester, prior to the commencement of the relevant semester.
 - (c) Late applications may be considered at the Faculty's discretion.
- (2) Where the candidate has previously had two semesters of suspension the application will be considered by the Board of Postgraduate Studies for the Faculty.

10 Re-enrolment after an absence

- (1) A student must enrol in the semester following a period of approved suspension.
- (2) A student whose candidature has lapsed must apply for re-admission in accordance with procedures determined by the Faculty.

11 Satisfactory progress

- (1) At the end of each year each candidate shall complete an Annual Progress Report providing evidence of progress to the satisfaction of the supervisor, head of discipline concerned, any postgraduate review committee and the Board of Postgraduate Studies.
- (2) On the basis of evidence provided, the head of discipline or the Chair of the Board of Postgraduate Studies shall recommend the conditions of candidature to apply for the following year and may require the candidate to provide further evidence of progress at the end of one semester or such other period as the head of discipline or the Chair of the Board of Postgraduate Studies considers appropriate.
- (3) If a candidate fails to submit evidence of progress or if the head of discipline concerned considers that the evidence submitted does not indicate satisfactory progress, the Board of Postgraduate Studies may, on the head of discipline's recommendation, call upon that candidate to show cause why that candidature should not be terminated by reason of unsatisfactory progress towards completion of the degree and where, in the opinion of the Board of Postgraduate Studies, the candidate does not show good cause, the Board of Postgraduate Studies may terminate that candidature or may impose conditions on the continuation of that candidature.

12 Credit

A candidate who, before admission to candidature, has spent time in advanced study in the University of Sydney, or in another university, or in another institution whose courses are deemed by the Faculty to be equivalent, may be deemed by the Faculty to have spent such time after admission to candidature.

13 Time limits

- (1) Except with the permission of the Faculty on the recommendation of the head of discipline concerned, a full-time research candidate shall complete the requirements for the degree not earlier than the end of the second semester of candidature and not later than the end of the fourth semester of candidature.
- (2) Except with the permission of the Faculty on the recommendation of the head of discipline concerned, a part-time research candidate shall complete the requirements for either degree not earlier than the end of the fourth semester of candidature and not later than the end of the eighth semester of candidature.

14 Location

- (1) Subject to approval of the supervisor, head of discipline and Board of Postgraduate Studies, the candidate may request a period of time away to pursue the course of advanced study and research within industrial laboratories or research institutions or other institutions considered by the Board of Postgraduate Studies on the recommendation of the head of discipline to provide adequate facilities and appropriate supervision for that candidature.
- (2) A candidate pursuing candidature outside Australia must also complete a minimum of one semester of candidature within the University before submission (but not necessarily immediately before submission) of the thesis.

15 Examination of thesis

- (1) The examination of a thesis for the degree of Master of Philosophy shall follow closely the examination process as stipulated by the Resolutions of the Academic Board for the degree of Doctor of Philosophy (with any reference to the PhD Award Sub-Committee being substituted by the Board of Postgraduate Studies) except for the following variations:
 - (a) The head of discipline shall recommend the appointment of two examiners of the thesis of whom at least one shall be an external to the Faculty, not being a member of staff or a clinical academic title holder of the Faculty. Approval of the examiners is the responsibility of the Board of Postgraduate Studies.
 - (b) The supervisor and head of discipline shall take all possible steps to ensure that examiners are appointed within four weeks of the submission of the thesis and where this does not occur, shall report the circumstances to the Board of Postgraduate Studies.
 - (c) The final approved version of the thesis will be submitted electronically.

Senate and faculty resolutions

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, 2011. 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
EA000	Doctor of Dental Science	DDSc	Published Work
EB000	Doctor of Philosophy	PhD	Research
EC081	Master of Philosophy	MPhil(Dent)	Research
EC003	Master of Science in Dentistry (admission suspended)	MScDent	Research
Doctor of Clinical Dentistry			
EB001	Oral Medicine and Oral Pathology	DClinDent	144
EB002	Orthodontics	DClinDent	144
EB003	Paediatric Dentistry	DClinDent	144
EB004	Periodontics	DClinDent	144
EB005	Prosthodontics	DClinDent	144
EB006	Special Care Dentistry	DClinDent	144
EH003	Bachelor of Dentistry [^]	BDent	192
EH004	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			
EF007	Child Health	GradDip-ClinDent	48
EF001	Conscious Sedation and Pain Control	GradDip-ClinDent	48
EF008	Hospital Dentistry	GradDip-ClinDent	48
EF009	Oral Biology	GradDip-ClinDent	48
EF002	Oral Implants	GradDip-ClinDent	48

Code	Course title and streams	Abbreviation	Credit points
EF006	Restorative	GradDip-ClinDent	48
EF010	Tooth Mechanics	GradDip-ClinDent	48

4 Graduate certificates

Code	Course title and streams	Abbreviation	Credit points
Graduate Certificate in Clinical Dentistry			
EG002	Child Health	GradCert-ClinDent	24
EG003	Hospital Dentistry	GradCert-ClinDent	24
EG004	Oral Biology	GradCert-ClinDent	24
EG001	Restorative	GradCert-ClinDent	24
EG005	Tooth Mechanics	GradCert-ClinDent	24

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 2000 (the 'Coursework Rule'), the resolutions for the course of enrolment, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

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) Maximum time limits for all Faculty of Dentistry courses are listed in the table below.

Course Title	Full Time/Part Time	Time Limit
Bachelor of Oral Health	FT	4 years
Bachelor of Dentistry	FT	5 years
Graduate Certificate Restorative Dentistry	FT	1 semester
Graduate Diploma Restorative Dentistry	FT	2 semesters
Graduate Diploma Conscious Sedation	PT	4 semesters



Course Title	Full Time/Part Time	Time Limit
Graduate Diploma Oral Implants	PT	3 semesters
Doctor of Clinical Dentistry	FT/PT	4 years/8 years
Master of Philosophy	FT/PT	4 years/8 years

- (2) The Coursework Rule defines how time limits are affected by periods of suspension or absence.

3 Suspension, discontinuation and lapse of candidature

- (1) The Coursework Rule specifies the conditions for suspending or discontinuing candidature, and return to candidature after these events. The Rule also defines the circumstances when candidature is deemed to have lapsed. Students should pay careful attention to the significant dates in these processes and their effect on results and financial liability.
- (2) For the Bachelor of Oral Health and Bachelor of dentistry degrees, the provisions of the Coursework Rule apply except that the maximum suspension permitted from this course will be 12 months.
- (3) For the Bachelor of Dentistry degree exceptions may be made for candidates who wish to interrupt their studies, for up to 2 years, to complete another degree, acceptable to the faculty, at this or another institution.

4 Credit for previous study

Only candidates for the Bachelor of Oral Health degree may be granted credit for previous study. Further details are outlined in the Bachelor of Oral Health Resolutions.

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% 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 because of inadequate attendance.

8 Late submission policy

- (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) If a student does not seek an extension, or one is not granted by the academic staff member concerned, or is granted but work is submitted by the student after the extended due date,

a late submission will result in an academic penalty as follows:

Time Frame	Penalty
Up to 7 days late	1 point demerit from PPD Licence
More than 7 days but less than 14 days	2 point demerits from PPD Licence
More than 14 days late	2 point demerits from PPD licence, an assessment will not be marked.

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 Rule provides full details of the University policy. The procedures for applying for special consideration are described in the Faculty of Dentistry Assessment and Progression Policy.

10 Concessional pass

In this Faculty the grade PCON (Concessional Pass) is not awarded.

11 Re-assessment

- (1) Opportunities for re-assessment may be approved on the grounds of special consideration and are offered in accordance with the Faculty of Dentistry Assessment and Progression Policy.
- (2) Students who have been granted special consideration may be allowed to sit the exam or submit the required work at a negotiated date that should be no longer than the period of incapacitation and in any case not longer than 3 months after the original examination or submission date. After this time the student will be considered to have discontinued with permission. Marks will be awarded at full value for further examination where special consideration is approved.
- (3) Students who fail one or two units of study (but not more than two) may be offered the opportunity for re-assessment. Re-assessment will be offered to eligible students on one date only, advised by the Faculty Assessment Office at the beginning of the semester, and it is a student's responsibility to be available to attend on that date. The maximum grade awarded for a unit of study in these circumstances will be a Pass.

Part 4: Progression, Results and Graduation

12 Satisfactory progress

The Faculty will monitor students for satisfactory progress towards the completion of their award course in accordance with the Student Academic Progression Policy. In addition to the common triggers used to identify students not meeting academic progression requirements (as defined by the progression requirements of the Coursework Rule), students must meet any other requirements specified in the course resolutions as being critical to progression through the course.

13 Award of the bachelor's degree with honours

The award of Honours is only available to meritorious candidates of the Bachelor of Dentistry degree. Further details are outlined in the Bachelor of Dentistry Resolutions.

14 University medal

The University medal is not awarded to Bachelor of Dentistry Honours candidates, because marks are not awarded to students throughout the duration of the degree.

15 Weighted Average Mark (WAM)

- (1) The University has a formula for calculating a Weighted Average Mark and this is defined in the University Glossary. 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.
- (2) 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

16 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.

17 Transitional provisions

- (1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011, who elect to proceed under these resolutions.
- (2) Students who commenced prior to 1 January, 2011, may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed by 1 January, 2016. The faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

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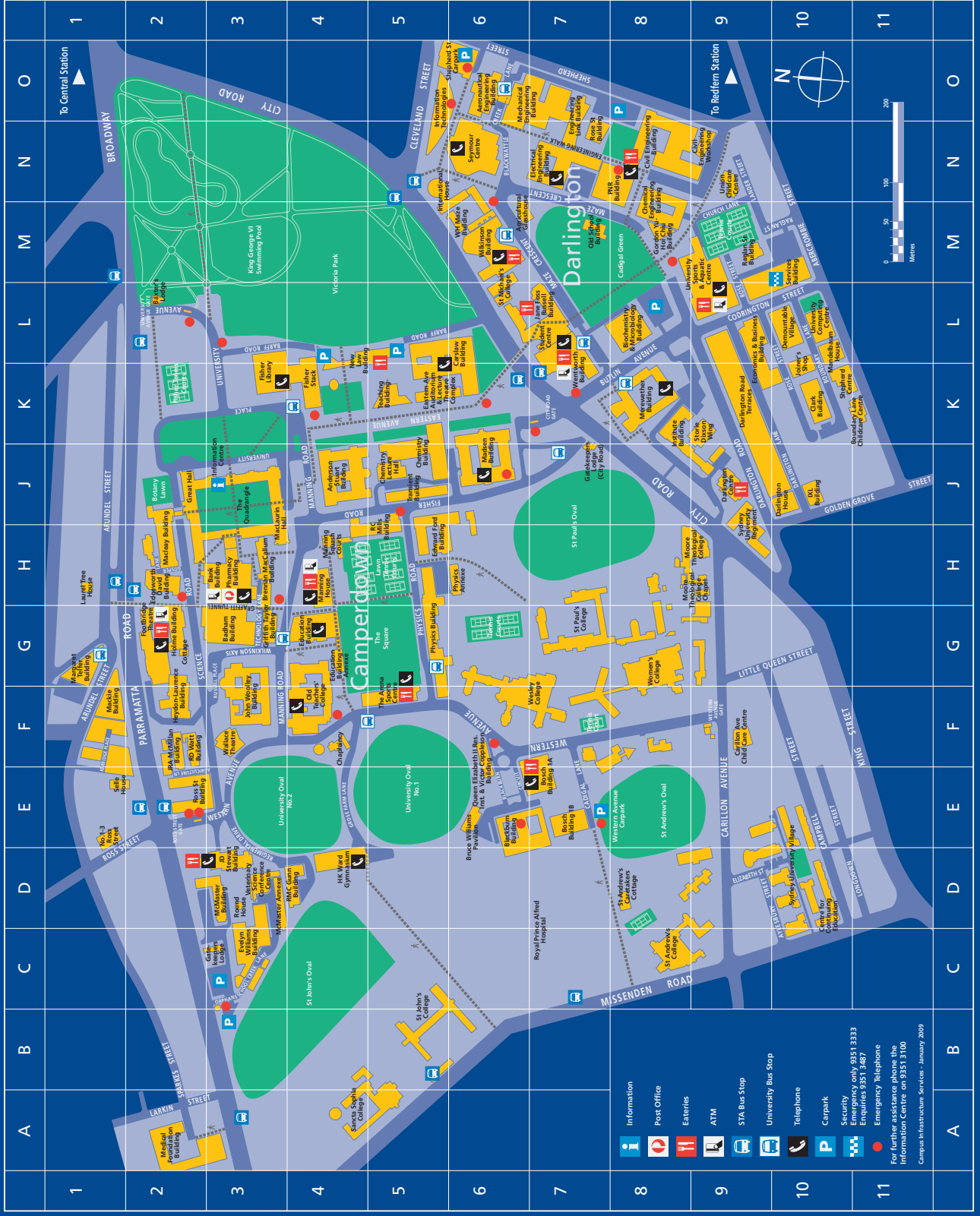
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- Research Methods in Dentistry DENT6000, **23, 24, 29, 30, 33, 34, 38, 39, 42, 45, 46**
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Restorative Dentistry 1 DENT6386, **42, 43**
Restorative Dentistry 2 DENT5235, **45, 48**
Restorative Paediatric Dentistry Part 1 DENT5034, **33, 34**
Restorative Paediatric Dentistry Part 2 DENT5038, **33, 35**
- S**
- Specialist Paediatric Practice DENT5048, **33, 36**
- T**
- Theory and Practice of Dental Sedation A DENT5301, **50**
Theory and Practice of Dental Sedation B DENT5303, **50**
Theory and Practice of Dental Sedation C DENT5305, **50**
Theory and Practice of Dental Sedation D DENT5307, **50, 51**
Total Patient Care 3 USDP4002, **10, 12**
Total Patient Care 4 USDP4006, **11, 13**

Map Code: 0102_MAIN

Camperdown and Darlington Campuses



-  Information
-  Post Office
-  Eateries
-  ATM
-  STA Bus Stop
-  University Bus Stop
-  Telephone
-  Carpark
-  Security
Security only: 0351 3333
Enquiries: 0351 3487
-  Emergency Telephone
For further assistance phone the
Information Centre on 0351 3100

Campus Infrastructure Services - January 2009

Directory

University buildings

O6	Aeronautical Engineering Building	L4	Law School
J4	Anderson Stuart Building	F1	Mackie Building
G3	Badham Building	H3	MacLaurin Hall
H3	Bank Building	H2	Macleay Building
L2	Baxter's Lodge	G1	Margaret Telfer Building
L8	Biochemistry and Microbiology Building	J6	Madsen Building
E6	Blackburn Building	H4	Manning House
E7	Bosch Building 1A	H4	Manning Squash Courts
E7	Bosch Building 1B	D3	McMaster Annex
H3	Brennan MacCallum Building	D3	McMaster Building
E6	Bruce Williams Pavilion	O6	Mechanical Engineering Building
L6	Carlaw Building	A2	Mechanical Foundation Building
F4	Chaplaincy	K8	Merewether Building
M8	Chemical Engineering Building	L4	New Law Building
J5	Chemistry Building	E1	No. 1-3 Ross Street
N8	Civil Engineering Building	M7	Old School Building
N9	Civil Engineering Workshop	F4	Old Teachers' College
K10	Clark Building	H3	Pharmacy Building
J9	Darlington Centre	H6	Physics Annex
J10	Darlington House	G5	Physics Building
K9	Darlington Road Terraces	N8	PNR Building
L10	Demountable Village	E6	Queen Elizabeth II Research Institute
K5	Eastern Avenue Auditorium & Lecture Theatre Complex	H5	RC Mills Building
L9	Economics and Business Building	F2	RD Watt Building
H2	Edgeworth David Geology Building	D4	RMC Gunn Building
G4	Education Building	M9	Raglan Street Building
H4	Education Building Annex	N7	Rose Street Building
H5	Edward Ford Building	E2	Ross Street Building
N7	Electrical Engineering Building	G2	Science Road Cottage
N7	Engineering Link Building	E1	Selle House
C3	Evelyn Williams Building	M10	Services Building
K3	Fisher Library	N6	Seymour Centre
K4	Fisher Library Stack	K10	Shepherd Centre
G2	Footbridge Theatre	O6	Shepherd Street Carpark
C3	Gatekeeper's Lodge	K9	Storie Dixon Wing
J7	Gatekeeper's Lodge (City Road)	L4	Sydney Law School
M8	Gordon Yu-Hoi Chui Building	K5	Teaching Building
J2	Great Hall	F5	The Arena Sports Centre
G3	Griffith Taylor Building	J3	The Quadrangle
D4	HK Ward Gymnasium	J5	Transient Building
F2	Heydon-Laurence Building	L10	University Computing Centre
G2	Holme Building	M9	University Sports & Aquatic Centre
N5	Information Technologies	D3	Veterinary Science Conference Centre
K8	Institute Building	E6	Victor Coppleston Building
N5	International House	F3	Wallace Theatre
J10	IXL Building	K7	Wentworth Building
D3	JD Stewart Building	E7	Western Avenue Carpark
F2	JRA McMillan Building	M6	WH Mase Building
L7	Jane Foss Russell Building	M6	Wilkinson Building
F3	John Woolley Building		

Childcare centres

K11	Boundary Lane
F9	Carlton Avenue
N9	KU Union
H1	Laurel Tree House

Colleges & residential accommodation

J10	Darlington House
K9	Darlington Road Terraces
N5	International House
L10	Mandelbaum House
A4	Sancta Sophia College
C8	St Andrew's College
B5	St John's College
L6	St Michael's College
B6	St Paul's College
G7	Selle House
E1	Sydney University Village
D10	Sydney University Village
F7	Wesley College
G8	Women's College

Computer Access Centres

H3	Brennan
G4	Education
K3	Fisher
N7	Link
L6	McGrath (Carlaw)
H3	Pharmacy

Cultural venues

H2	Macleay Museum
J3	Nidholson Museum
N6	Seymour Centre
K7	Sir Hermann Black Gallery
M6	Tin Sheds Gallery
J2	University Art Gallery

Faculties (offices)

F2	Agriculture, Food and Natural Resources
M6	Architecture
H3	Arts
K8	Economics & Business
G4	Education and Social Work
N7	Engineering
L4	Law
H5	Medicine
H3	Pharmacy
L6	Science
D3	Veterinary Science

Libraries

G3	Badham
H5	Burkitt-Ford
K3	Fisher
L4	Freehills Law Library
E7	Medical
H5	Schaeffer Fine Arts
L7	SciTech

Retail

H3	Australia Post Office
J9	Darlington Centre
G2	Hoime Building
L7	Jane Foss Russell Building
H4	Manning House
F5	The Arena Sports Centre
M9	University Copy Centre
K7	University Health Service
M9	University Sports & Aquatic Centre
M9	University Co-op Bookshop
C3	Valentine Charlton Cat Centre
C3	Veterinary Hospital & Clinic
K7	Wentworth Building

Security

M10	Emergency Services
M10	Lost Property
M10	Traffic & Parking

Sports & recreational venues

K2	Fisher Tennis Courts
D4	HK Ward Gymnasium
H5	Lawn Tennis Courts
H4	Manning Squash Courts
F5	The Arena Sports Centre
G5	The Square
E5	University Oval No. 1
E3	University Oval No. 2
M9	University Sports & Aquatic Centre

Unions & associations (offices)








K7	Students' Representative Council (SRC)
M9	Sydney University Postgraduate Representative Association (SUPRA)
M9	Sydney Uni Sport & Fitness
G2	University of Sydney Union

University administration, centres & services

L7	Accommodation Service
H3	Alumni Relations Office
L7	Careers Centre
L7	Cashier
D10	Centre for Continuing Education
K7	Centre for English Teaching
H3	Chancellor
L7	Counselling Service
L7	Disability Services
L7	Equity Support Services
H2	Executive Offices
L7	Financial Assistance Office
G1	Financial Services
J3	Information Centre
L10	Information and Communications Technology Services
L7	International Office
L7	International Student Support Unit
G4	Learning Centre
L6	Mathematics Learning Centre
H2	Media Office
G1	Office of General Counsel
L7	Research Office
L7	Scholarships and Prizes Office
L7	Student Centre
L7	Student Support Services
K8	Summer School
K8	Support Sydney
M10	SydneyPeople – HR Service Centre
D9	SydneyPeople – Learning Solutions
E1	SydneyPeople – Unistaff
L7	Sydney Talent
O5	Sydneyvate
F3	United States Studies Centre
G2	University of Sydney Venue Collection
C3	Veterinary Hospital & Clinic
H2	Vice-Chancellor

MAP CODE: 04_MAIN

SURRY HILLS CAMPUS

-  Carpark
-  Information
-  Telephone
-  Eateries
-  ATM
-  Train Station
-  STA Bus Stop
-  Light Rail Stop

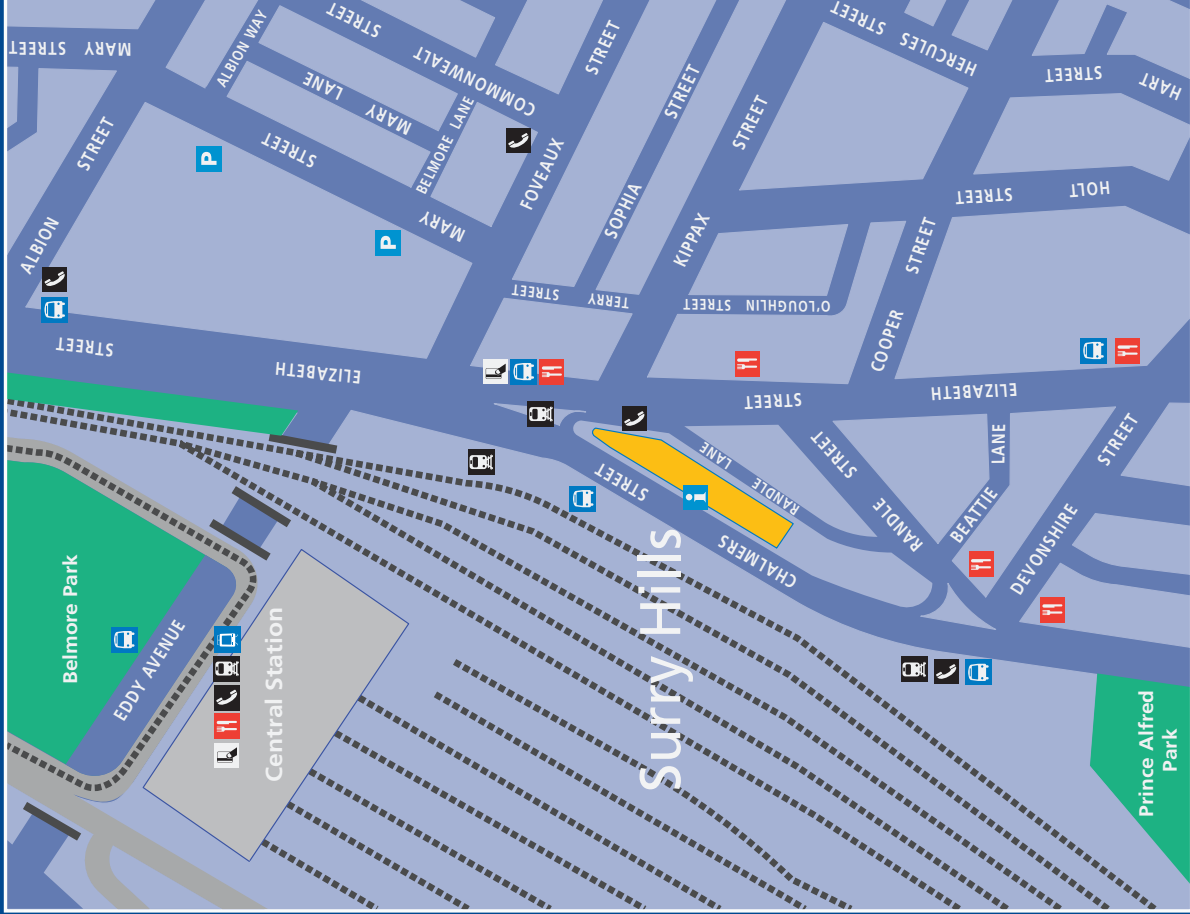
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Getting there

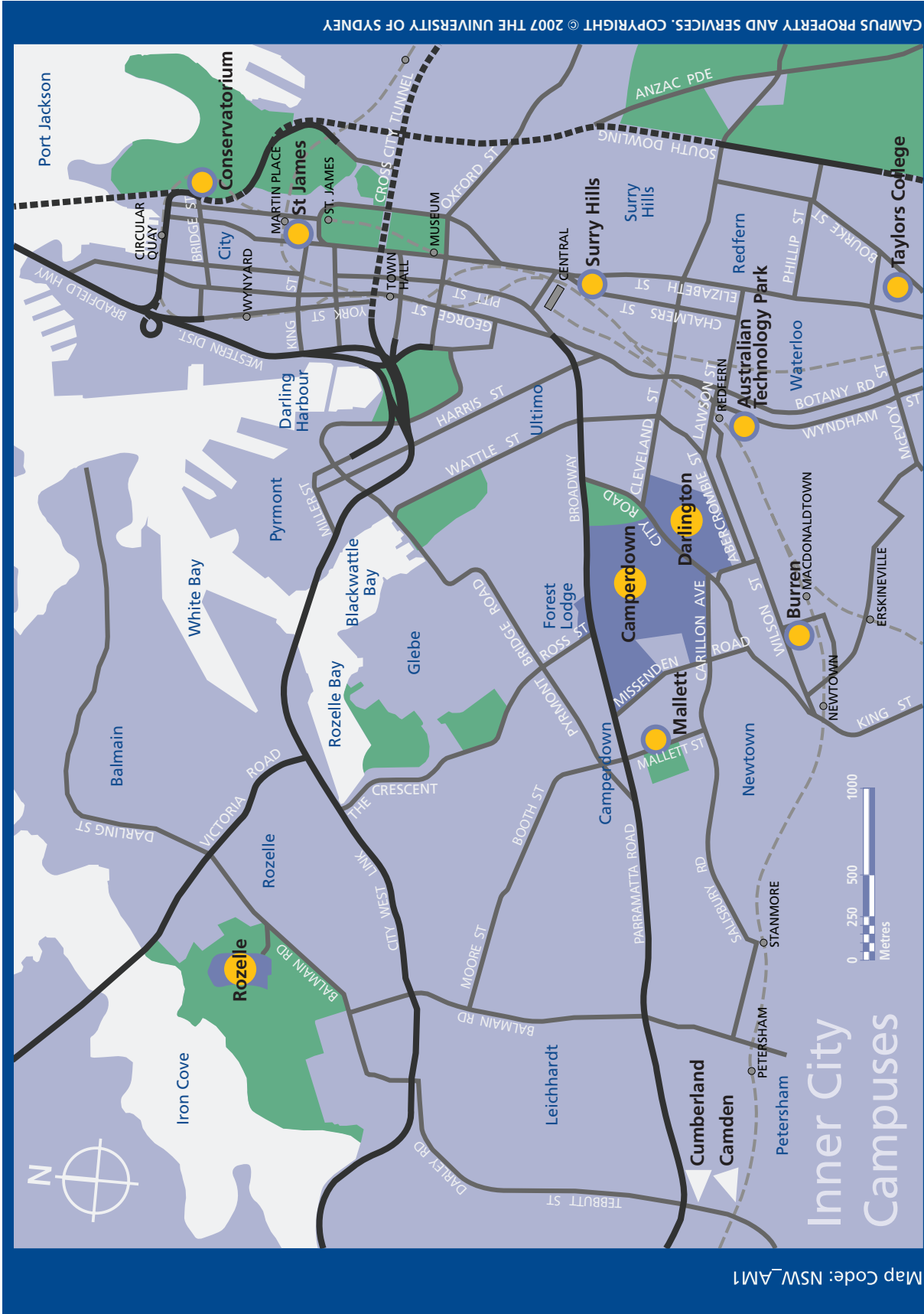
By train:
Catch any train to Central Station.

By bus:
You can get any buses that run along Elizabeth Street or Eddy Avenue, and get off at Central Station.

PARKING
Metered Parking available. Privately run parking stations are within walking distance of the dental hospital.



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Course planner

Year	Semester	Unit of study 1 & credit points		Unit of study 2 & credit points		Unit of study 3 & credit points		Unit of study 4 & credit points		Total credit points
1	1									
	2									
2	summer									
	1									
	winter									
	2									
3	summer									
	1									
	winter									
	2									
4	summer									
	1									
	winter									
	2									
5	summer									
	1									
	winter									
	2									
Total credit points										