



The University of Sydney

Faculty of Dentistry Handbook 2000

The University's homepage tells you all about courses at Sydney, some careers they can lead to, and what university life is like. The interactive website, with video and sound clips, has links to the University's faculties and departments.

You can explore the University of Sydney on the web at <http://www.usyd.edu.au/>.

The Faculty of Dentistry web site is located at <http://www.dentistry.usyd.edu.au/>.

Communications should be addressed to:

The University of Sydney, NSW 2006.
Phone (02) 9351 2222

Faculty of Dentistry
Phone (02) 9351 8334, fax (02) 9211 5912

University semester and vacation dates 2000

Academic year information (Academic Board policy and dates 1998-2002) is available at:

http://www.usyd.edu.au/sa/planning/policy/acad/3_0aca.html

	Day	Date (2000)
First Semester lectures begin	Monday	28 February
Easter recess		
Last day of lectures	Thursday	20 April
Lectures resume	Monday	1 May
Study vacation: 1 week beginning	Monday	5 June
Examinations commence	Monday	12 June
First Semester ends	Saturday	24 June
Second Semester lectures begin	Monday	10 July
Mid-semester recess		
Last day of lectures	Friday	8 September
Lectures resume	Monday	9 October
Study vacation: 1 week beginning	Monday	6 November
Examinations commence	Monday	13 November
Second Semester ends	Saturday	2 December

Last dates for withdrawal or discontinuation 2000

	Day	Date
<i>Semester 1 units of study</i>		
Last day to add a unit	Friday	10 March
Last day for withdrawal	Friday	31 March
Last day to discontinue with permission	Friday	14 April
Last day to discontinue	Friday	2 June
<i>Semester 2 units of study</i>		
Last day to add a unit	Friday	28 July
Last day for withdrawal	Thursday	31 August
Last day to discontinue with permission		Not applicable in 2000 <i>(there are 7 weeks to withdraw until 31 August)</i>
Last day to discontinue	Friday	3 November
<i>Full Year units of study</i>		
Last day for withdrawal	Friday	31 March
Last day to discontinue with permission	Friday	14 July
Last day to discontinue	Friday	3 November

For Faculty of Dentistry semester and vacation dates, see page iv.

Edited by Natalie Shea.

The University of Sydney Faculty of Dentistry Handbook 2000

© 2000 The University of Sydney

ISSN 1034-2605

The information in this handbook is subject to approval and/or change by the appropriate faculty or the University. Students should always check the accuracy of the information with faculty staff.

Produced by the Publications Unit, The University of Sydney. Design, layout and database publishing by Neologica Print & Promotions, Surry Hills NSW, neologica@email.com.

Printed by Printing Headquarters, Chippendale NSW.

Contents

Introduction	iv
Faculty of Dentistry semester and vacation dates 2000	iv
Message from the Dean	v
1. Staff	1
2. Guide to the Faculty	5
General information	5
Centres and services for teaching and research	6
Membership of the Faculty	6
History of the Faculty	6
3. Undergraduate degree requirements	9
Bachelor of Dental Science (BDS) curriculum	9
Regulations	9
4. Units of study	11
First Year	11
Second Year	12
Third Year	14
Fourth Year	16
Fifth Year	18
5. Other Faculty information	21
Infectious diseases	21
Orientation and enrolment	21
Regulations	21
Libraries	23
Faculty societies	23
Committee for Continuing Education in Dentistry	24
Traineeships, scholarships and prizes	24
General University information	25
Glossary	29
Index	33
Map of main campus	36

Introduction

In this handbook you will find most of the things you are likely to need to know about the Faculty. In particular the handbook will help you find out about:

- who the people in the Faculty are
- the requirements for degrees in the Faculty and how they can be satisfied
- what units of study are offered, and the books that go with them.

The following are the principal sources of information about the study of dentistry at the University of Sydney.

United Dental Hospital and Westmead Hospital

Dentistry students spend some of their time in First and Second Years and most of Third Year at the United Dental Hospital, 2 Chalmers Street, Surry Hills, 2010; for the major part of Fourth and all of Fifth Year, students are located at the Westmead Centre for Oral Health. You should seek information and advice from the following Faculty areas:

Faculty Office

The Faculty Office answers questions about:

- University regulations
- Faculty rules, procedures and the like.

The Faculty Office is located in the Faculty Building, Level 3, 16-28 Chalmers Street, next to the United Dental Hospital of Sydney.

Dean's Office

The Dean's Office answers questions about studies in the Faculty, or about general administrative matters. It is on Level 3 of the Faculty Building of the United Dental Hospital.

Disciplines

There are thirteen Disciplines within the Faculty of Dentistry: Biomaterials Science, Endodontics, Fixed Prosthodontics, Occlusion, Oral and Maxillofacial Surgery, Oral Biology, Oral Pathology and Oral Medicine, Orthodontics, Paediatric Dentistry, Periodontics, Public Health Dentistry, Removable Prosthodontics and Tooth Conservation. Interdisciplinary

coursework is also provided in Dental Technology and Oral Health; Oral Diagnosis and Radiology; and the Clinical Dentistry unit of study in Fifth Year.

Noticeboards

School and Discipline noticeboards for each Year within the hospitals should be consulted regularly.

Postgraduate study

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

Master of Dental Science
Master of Science in Dentistry
Doctor of Dental Science
Doctor of Philosophy
Graduate Diploma in Community Oral Health and Epidemiology
Graduate Diploma in Clinical Dentistry.

The regulations for these degrees and diplomas are published in the University *Calendar*, and should be read in conjunction with Chapter 10 of the by-laws of the University, which deals with admission to candidature for the PhD degree, for any master's degree, and for any diploma, for graduates of other universities or those with equivalent qualifications.

Further enquiries should be made to the Postgraduate Student Adviser, who is located in the Faculty of Medicine, Edward Ford Building, on the main campus of the University.

Faculty of Dentistry semester and vacation dates 2000

Dates are determined in accordance with a formula prescribed in the resolutions of the Senate.

Semester	Begins	Recess	Lectures end	Study vacation	Exams commence
<i>First & Second Year</i>					
February Semester	28 February	21-28 April	2 June	5-9 June	12 June
July Semester	10 July	11 Sep - 6 Oct	3 November	6-10 November	13 November
<i>Third Year</i>					
February Semester	10 February	21-28 April	2 June	5-9 June	12 June
July Semester	3 July	11 Sep - 6 Oct	3 November	6-10 November	13 November
<i>Fourth Year</i>					
February Semester	24 January	21-28 April	2 June	5-9 June	12 June
July Semester	26 June	11 Sep - 6 Oct	3 November	6-10 November	13 November
<i>Fifth Year</i>					
February Semester	24 January	21-28 April	2 June	5-9 June	12 June
July Semester	10 July	11 Sep - 6 Oct	3 November	6-10 November	13 November

Message from the Dean

Welcome to the Faculty of Dentistry at the University of Sydney. I hope you will find your time with us to be a student-friendly preparation for a rewarding career in a close-knit and supportive profession.

This is an exciting time as, on the one hand, the Faculty looks back to celebrate one hundred years of the involvement of the University of Sydney in nurturing the profession in New South Wales. On the other hand and at the same time, the Faculty is looking to ensure that the Undergraduate course described in this Handbook continues to evolve so that it prepares you to the best of our ability for the future.

In these pages you will find described a wide array of basic science and clinical subjects taught in different ways by different people in different locations. Wherever they are and whatever their discipline, all members of teaching staff are committed to your education and to your evolving to be an ethical, scientifically informed, clinically competent dental practitioner. Your challenge will be to allow us to help you bring all of this tuition and life experience together. Our joint aim should be your optimal preparation not just for graduation but for life-long learning in a rapidly changing world.

During your course you will be required to attend the two Teaching Hospitals of the Faculty: the United Dental Hospital, and the Westmead Centre for Oral Health. We will expect of you the kind of honourable and mature behaviour associated with a caring profession in settings in which the University is a guest, albeit an honoured one. You will be accorded significant privileges in these two institutions, and the Faculty will require you to honour these privileges. Our expectation will be that you respect both the patients you treat and the staff who help make your patient treatment experience possible.

Again, welcome to the Faculty and to the University. I hope you will involve yourself fully in all that is offered to you. We have a common goal in your preparation for professional life, and in your successful contribution to the future wellbeing of the community.



Keith S Lester, Dean.





Staff

As at 15 February 2000. Heads of discipline are denoted with an asterisk.

Dean

Keith S. Lester

Pro-Dean

Cyril J. Thomas

Associate Deans

D. Murray Walker (*Postgraduate Studies*)

Gregory M. Murray (*Research*)

Ann E. Sefton, AO (*Curriculum Coordination*)

Office of the Dean

Executive Assistant to the Dean

Natalie Shea, BA DipEd BMus

Faculty Office

Executive Officer

Susanne Osborne, BFA N.E.

Finance Accountant/Resources Officer

Reuben Karunaikumar, ACM A U.K.

Admissions Officer

Anne Quinlan

Administrative staff

Ann Barron

Margaret Thomas

Attendant

Kevin Wylie

Continuing Education

Director

Jackie Robinson, BA *Georgetown DMD Kentucky*

Administrative Assistant

Loloma Wren, BBus *Kuringai CAE*

Curriculum Development

Lecturer (fractional)

Patricia Lyon, BA *Leicester MEd U.N.S. W.*

Web Developer

Rebecca Higham, BSc *Griffith GradDipEnvStud Tas.*

Administrative Assistant

Sally Ann Parker Ryan, BA *Melb.*

Faculty of Dentistry Foundation

Director

E. John Wilkinson

Administrative Assistant

Jo Sarjana

Teaching and support staff

Professor of Prosthodontics

*Iven J. Klineberg, AM RFD, PhD *Lond.* BSc MDS, FRACDS
FDSRCS FICD (Occlusion). Appointed 1978

Professor of Oral Pathology

*D. Murray Walker, BDS *Brist.* MD BCh *Wales*, FDSRCS
MRCPATH FFOP FRCPA (Oral Pathology and Oral
Medicine). Appointed 1992

Professor of Conservative Dentistry

*Roland W. Bryant, MDS PhD, FRACDS (Tooth
Conservation). Appointed 1993

Australian Society of Orthodontists (NSW Branch) Inc.

Professor of Orthodontics

*M. Ali Darendeliler, MS(BDS) *Istanbul* PhD DipOrthod *Gazi*
CertifOrthod *Geneva* PrivDoc *Turkey* (Orthodontics).
Appointed 1997

Professor of Biomaterials Science

*Michael V. Swain, BSc PhD *U.N.S.W.* (Dental Materials
Science). Appointed 1998

Associate Professors

*Sybille K. Lechner, MDS, FRACDS FPFA FICD
(Removable Prosthodontics)

Gregory M. Murray, PhD *Tor.* MDS, FRACDS

Cyril J. Thomas, BDS HDipDent *Witw.* PhD *Stell.*

Associate Professor (Fractional)

Christopher G. Daly, MSc *Lond.* BDS PhD, FRACDS

Senior Lecturers

Malcolm I. Coombs, BDS LDS *Sheff.* DCR *Lond.* MDS

Tania M. Gerzina, MDS PhD, FRACDS (*on leave*)

February semester

F. Elizabeth Martin, MDS, FRACDS (*on leave*)

February semester

Carole A. Price, GradDipHed *U.N.S.W.* MDS

Graham A. Thomas, BDS PhD, FRACDS FPFA FICD

Hans Zoellner, BDS PhD

Senior Lecturers (fractional)

Michael Buchanan, BDS *Melb.* MB BS, FDSRCS LDS(Vic)

Hyun-Gon Peter Chung, DDS MScDentSci *Korea*

*John Highfield, BDS MSc *Lond.* DDS *Tor.* (Periodontics)

*James G. Ironside, MDS *Adel.* (Fixed Prosthodontics)

*Anthony P. Martin, MDS FRACDS (Endodontics)

Arumugam Punnia-Moorthy, BDS *Sri Lanka* PhD *Lond*

MClinEd *U.N.S.W.*, FDSRCS FFDRCSI

Senior Research Fellows

Nick Jacques, BSc PhD

Toshio Sumii, BDS PhD *Tokyo Dent. Coll.*

Lecturers

Malcolm D. Bourne, LDS *R.C.S.*, FDSRCS

Stephen Cox, BDS MScDent, FRACDS

Lecturers (fractional)

Anthony R. Au, MDS, FRACDS FADI

David Barnard, MDS *Melb.* BDS

Peter Barwick, BDS *Otago* MSD CertOrth *Wash.*

Timothy Castrisio, MDS *Melb.* BDS, FRACDS

Deborah Cockrell, BDS *Birm.*, FDSRCPGlas

Catherine E. Groenlund, MHP DipMark *U.N.S.W.* BDS MDSc

Antonia M. Scott, BDS

Shanti Sivanewaran, BDS *Mysore* CertHealthEcon *Monash*

MDS DPHDent

Luke Villata, MS *Aarhus* BDS

Research Fellow

Derek W.S. Harty, BSc *Kent* PhD *Birm.*

Associate Lecturers (fractional)

Maria Avis, BDS

Shalinie Gonsalkorale, BDS

Nicholas W. Hocking, BDS *Adel.* MSc MCLinDent *Lond.*

Markijan M. Hupalo, BDS *Qld* MDSc

Amanda Law, BDS

Danny Low, BDS MSc(Dent)

Mary L. Moss, BDS

Juliette M. Scott, BDS

S. Rajah Selvarajah, BDS

Joanna Seppelt, BDS

Gautam Sridhar, BDS

Maria Tran, BDS

Professional Assistant

Christopher Johnson, MAppSc *N.S.W.I.T.* MComp *Macq.*,
MRACICChemMACS

Academic Support Officer

Aysin Darendeliler, BDS *Istanbul* MDSc *Geneva*

Senior Research Assistant

Kamal Wanigaratne

Research Assistant

Terry Whittle, BSocSci *Charles Sturt*

Senior Technical Officers

Michael Jean-Louis
Ken Tyler
Robert Underdown

Administrative Staff at Westmead Centre for Oral Health

Tracey Bowerman
Anne Carty
Toni Chapman
Marty Darragh
Rebecca Granger
Alexis Jarvis
Frances Porter
Joan Tasker

Technical Officers at Westmead Centre for Oral Health

Peter Dymock
Janice Matthews
Michael Mazic

Honorary part-time staff

Clinical Professor

John E. deB Norman, MB ChB *Leeds* MDS, FDSRCS
FRACDS FRCSEd

Clinical Associate Professors

*Geoffrey M. McKellar, BDS *Qld* MDS *Melb.* DOS
R.A.C.D.S., FRACDS (OMS)

Terry Walton, MS *Mich.* MDS, FRACDS
Stephen Yeung, MDS *Adel.* PhD *N'cle (N.S.W.)*, FRACDS

Adjunct Associate Professors

John Dale, AM, LLB *U.N.S.W.* DDS *Tor.* MDS, FRACDS
FICD FADI

Norton Duckmanton, RFD, MDS, FRACDS
Chris J.G. Griffiths, AM RFD, BDS DPHDent, LDS(Vic)
James K. Hawkins, MDS, FRACDS FICD
Robin Hawthorn, MDS
Robert D. Mitchell, MDS, FRACDS(OMS)

Toshiko Mori, PhD
Braham Pearlman, BDS MScDent *Boston*
Richard P. Widmer, MDS *Melb.*, FRACDS LDS(Vic)
Robin G. Woods, AM, BDS, FICD FRACDS

Honorary Associate Professors

Peter D. Barnard, MPH *Mich.* MDS DDS, FRACDS FICD
FAPHA
Barrie R.D. Gillings, RFD, BDS MS ED PhD, FRACDS FICD

Clinical Senior Lecturers

George M. Boffa, BPharm MD *Malta*, FEARCS FICS
FANZCA FRCA
Susan Buchanan, BDS *Melb.* MDS, FRACDS
Angus C. Cameron, BDS MDS, FRACDS
Ann P. Collins, LDS *R.C.S.* BDS *Lond.* MDS,
FRACDS(OMS)
E. Dell Kingsford-Smith, MDS, FRACDS
Brian Roberts, MDS *Otago*
Barbara A. Taylor, BDS *Adel.* GradDipOH&S *W.A.I.T.* MDS,
FRACDS

Clinical Lecturers

Janet E. Benson, M ClinPsych *Macq.* BA
Harold C. Champion, BDS
Peter Duckmanton, BDS MDS, FRACDS
Mehri Eshraghi, DDM *SWU (Philippines)* BDS *Adel.*
DipPHDent
Hayfa Hadi, BDS *Baghdad* MDS *Leeds* BDS *Adel.*
Josephine Kenny, MHA *U.N.S.W.* BDS
Peter L. King, MDS
Peter G. Kramer, BDS
Morag Paton, BDS. DipPhysEd *Edin.*
Alan Reid, BDS
Leesa Rix, BDS MDS, FRACDS
Ronald Q. Robinson, BS *Georgetown* DMD *Kentucky*
William Saunderson, BDS MDS
Mark Schifter, BDS MDS
John Sheedy, BDS
Douglas Stewart, BDS ex-DGDPR *C.S.*, FRSH MRSH
Christine Wallace, BDS MDS CertMaxPros *Iowa*, FRACDS
Ian Wilson, MDS, FRACDS

Clinical Associate Lecturers

Santosh Bassi, BDS
David Baxter, CertDentAsstRad
Lilia Burleigh, BDS *Poland*
Yuen-Teng Cho, BDS
Allan W.K. Chow, BDS
John P.Y. Chu, BSc BDS
Stephen Chui, BDS
Benjamin J. Dunster, BSc *Cant. (NZ.)* BDS *Otago*
Christopher J. Geddes, BDS

Lesia Ilkiw, BDS
Emma Jay, BDS
Young Ko, BDS
Grace Lee, BDS
Luke H.P. Leung, BDS
Stephen MacMahon, BDS, FDSRCS
Diana Mruk, BDS
Ky-AnhT. Nguyen, BDS
Svetlana Nikova, BDS *Plovdiv* BDS *Adel.*
Natalia E. Oprea, BMed (Dent). DipAdolDent.
DipGenDent *Buch.*

Anis Rajwani, BDS *Lond.* LDS *Manitoba*
Irena Rayson, BDS
Barbara Z. Reid, BDS
Bramara Rudrakumar, BDS *Bangalore* BDS
Delyse M. Russell, BDS
Sashi Rurnam, BDS
Lindy Sank, BSc DipTherDietetics
Desmond A. Singh, BDS
AlicjaSmiech, BDS *Lublin*
David Taub, BDS
Alan J. Templeman, BDS
Hilary M. Thomas, BDS
Vijay R. Tumuluri, BDS
Bruce E. Waters, DipMedRad
Vy Wong, BDS

Honorary Associates

P. Anders Blomberg, BDS *MDS Adel.*
David Cable, BDS MDS
Anthony T. Coyne, BDS *Qld* MSc(Pros) *Lond.*
Richard Eamshaw, MDS *Qld* PhD *Mane.*
Anthony J. Oliver, MDS *Melb.* BDS, FRACDS
Poppy Sindhusake, BA *Thammasat* MSc *NIDAB, Thailand*
GradDipInfoSci *U.N.S.W.*

Robyn Thomas, BDS MDS
Gerald A. Thurnwald, AM(Mil), BDS *Adel.* LDS(Vic) MDS
MDS *Qld*, FRACDS(OMS)
Jasmin White, MDS *Dhaka* BDS

Specialist Clinical Associates

Keith Baetz, BSc BDS *Witw.* MDS
Theodor Baisi, BDS MDS
John E. Barbat, BDS *Qld* MDS *Melb.*
Stephen Blackler, MDS, FRACDS FICD
Joseph Bleakley, BDS *Qld* MDS, FRACDS
Stan Boyatzis, BDS *W.A.* MSc *Lond.* MDS *Qld*
Ching Kit Chan, BDS MDS
R. Geoffrey W. Cook, BDS MDS
David Dal Pra, BDS *Qld* MSc *Lond.*
Michael J. Dineen, BDS MDS
Stephen L. Duncan, BDS MDS
Robert Fox, BDS *Q.U.B.* DipOrth *RCS*, FDSRCS
Peter D. Frost, BDS MDS
Joseph P. Geenty, MDS *Otago*
Olga Gluhin, BDS *Otago* MDS
David E. Grossberg, BDS *Witw.*
Andrew H. Hedberg, BDS MDS
Paul F Hogan, BDS, FRACDS
Young Ki Hong, BDS MDS
Melissa Kah, BDS MDS

Selwyn Kessler, BDS LDS *R.C.S.* HDipDent MDent
Peter Lewis, BDS MDS
Vincent Liew, MDS *Qld*, FRACDS
John Mamutil, MDS
Ken Marshall, CertOrth *Oregon* BDS MDS

- Ronald J. Masson, BDS MSc, FRACDS
 Timothy A. Mew-Sum, BDS MSc
 Anthony J. O'Meara, BDS MSc
 Neil J. Peppitt, BDS MSc, FRACDS
 Anthony Pistolese, BDS MSc
 John R. Pritchard, MDS *Otago*
 Morris Rapaport, BDS MSc
 David M. Roessler, BDS MSc, FRACDS
 Eric Saacks, BChD *Stell. CertPerio CertOrth Penns.*
 Rolf Schimann, MDS MSc
 William L. Scully, BDS MSc
 Paul D. Sibraa, CertPerio DDS *Neb. BDS, FRACDS*
 James Smyth, BDS MSc, FRACDS
 Barbara J. Spark, BDS MSc
 Franciskus B. Tan, MDS, FRACDS
 Paul J. Taylor, BDS MSc
 Kevin B. Todes, MDent *Witw. BDS*
 Daniel Vickers, BDS MSc
 Hilton Wasilewsky, BDS *Witw. DipOrtho Eastman N. Y MSc(Dent) Roch.*
 David J. Webster, BDS, FRACDS FDSRCS FDSRCPSGlas
 Gregory J. Whyte, MSc *Qld*
 Zu-Pyn Yang, BDS *Taiwan CertEndo Penns. Senior Clinical Associates*
 James Auld, MSc DipSocSc *N.E. BDS*
 David Buckley, GMQ *U.N.S.W. BDS GradDipClin Dent, FICD*
 Helen Carey, BDS MSc(Dent)
 Lester R. Clifford, MSc(Perio) *Lond. BDS*
 Patrick J. Dalton, BDS, FACD FICD
 Leonard G. Fabre, BDS
 W. Peter Gaha, BDS
 James K. Grainger, BDS MSc, FRACDS FICD
 Phillip Gray, BDS, FICD
 Stuart H. Howe, BDS
 Anthony J. Lepere, DChDent *Paris BA N. Y*
 Raymond N.F. Loh, BDS *Sing.*
 Peter Shields, MDS
 David I. Wearn, BDS
 Bettine C. Webb, MHP *U.N.S.W. MDS PhD*
 Phillip Zoldan, BDS
Clinical Associates
 Suzanne Brent, MSc
 Anthony J. Burges, BDS
 Roger K. Chan, BDS
 David J. Cox, BDSc *Qld*
 Robert Dalby, BDS
 Cong K Dao, BDS
 Peter A.B. Dayman, BDS
 Clarence de Silva, BDS *Adel.*
 Andrew J. Draper, BDSc *Qld*
 Sibel Erel, BDS *Lond. LDS R.C.S.*
 John K. Fung, BDS
 Christopher C. K. Ho, BDS
 Arjun Jeganathan, BDS *India BDS Adel.*
 Navin Kander, BSc *A.N. U. BDS Melb.*
 Chakravarty Kapila, BDS *Punjabi*
 Sean Kebriti, BDS
 Homer Kefaladelis, BDS *Witw.*
 Deborah W. Kwan, BDS
 Russell C. Lain, BDS
 Eugene Lee, GradCertMngmt *U.T.S. BDS*
 Willard Lee, BDS
 Kenny Lok, BDS
 Robert Mackay, BDS
 Lyn Mayne, BDS *Adel.*
 Patrick Mehanna, BDS
 David G. Millington, BDS
 Anthony P. Nairn, BDS
 James V.T. Ngo, BDS
 Kathy Ngo, BDS
 Geoffrey I. Parsons, BDS, FICD
 Jenny Quach, BDS
- Cheng-Yee Rossiter, GradDipDentStud(Oral Surgery) *W.A. BDS, FRACDS*
 Bradley J. Russ, BDS
 David A. Sheen, MHP *U.N.S.W. BDS*
 Ramon M. Singh, BDS
 Ilyong Son, BDS
 Vivienne J. Stewart, BDS
 Leigh W. Sutherland, BDS
 Jon C. Taratoris, BDS
 John Tsun, BDS
 Claro M.S. Villon, BDS
 Kim M. Wagstaffe, BDS
 Phillip G.C. Whalley, BDS
Clinical Tutors
 Behzad Habibi, BDS, FRACDS
Other honorary clinical staff
 (Title pending)
 Estelle Aroney
 Bruce W. Austin
 David Bachmayer
 Andrew Barry
 Richard Chan
 Maria Chmielowiec
 Margaret Chow
 Catherine Collins
 Richard Conway
 Huntley Dunne
 Penny Elliott
 Hugh J. Fleming
 Eugene Foo
 Matthew Foo
 Ken Harrison
 Murray Hayes
 Theresa Ho
 William Jackson
 Ian Jacobi
 Sook-Ling Leong
 Trang Nguyen
 Mark Lo Schiavo
 Gregory D. Mahoney
 Stuart McCrostie
 Ian Martin
 Atul Mehta
 Ted Peel
 Delphine Poon
 Mark Priestly
 Dianne Sainsbury
 Howard J. Sandler
 Christine Simpson
 David G. Sykes
 Stephen Travis
 Adrian Vertoudakis
 Michael P. Walker
 Julie Wu
 Ian Young
 Wendy Yu
- From other faculties**
Professor
 J. Paul Seale, PhD *Lond.*, FRACP (*Pharmacology*)
Reader
 John Gibbins, MDS PhD (*Pathology*)
Associate Professors
 Raymond Kearney, BSc PhD *Qld (Infectious Diseases)*
 Ewan Mylecharane, BPharm *Vic.I.C. BSc PhD Melb. (Pharmacology)*
Directors of First Year Studies
 Mary Peat, BSc *Birm. PhD Brist. (Biological Sciences)*
 Julia M. James, BSc PhD *Lond.*, MRACI CChem (*Chemistry*)
Senior Lecturers
 Mary A. Pegler, MSc, FASM (*Infectious Diseases*)
 Michael A.W. Thomas, DPhil *Oxf. BSc (Biochemistry)*
 Juris Ulrichs, BSc PhD (*Physics*)
Lecturers
 Robin Arnold, MSc (*Anatomy and Histology*)

Miriam Frommer, PhD *Lond.* BSc (*Physiology*)

Rosemary Millar, BSc *Qld MEd* (*Physics*)

Bill Phillips, BSc PhD (*Physiology*)

M. Anne Swan, BSc PhD (*Anatomy and Histology*)

Associate Lecturers

Fiona Stewart, BSc *N.E.* MB BS, RACGP (*Anatomy and Histology*)

Charlotte Taylor, BSc *Dund.* PhD *Aberd.* (*Biological Sciences*)

Other staff

Honorary Curator, Dental Alumni Society Museum

Sydney Levine, OAM, MDS, FRACDS

Honorary Assistant Curator, Dental Alumni Society Museum

Anthony O'Meara, BDS MDSc

Guide to the Faculty

General information

Degrees and diplomas in the Faculty

The Faculty of Dentistry provides educational programs at both the undergraduate and postgraduate level. These courses prepare the students for the general practice of dentistry, specialisation, research, teaching or dental administration. There are two undergraduate degrees, the degree of Bachelor of Dental Surgery (BDS) and the degree of Bachelor of Science (Dental) (BSc(Dent)). There are two master's degrees, the degree of Master of Science in Dentistry (MScDent) and the degree of Master of Dental Science (MDSc). The Faculty also offers the degrees of Doctor of Philosophy (PhD) and Doctor of Dental Science (DDSc), the Graduate Diploma in Community Oral Health and Epidemiology (GradDipComOH & Epid) and the Graduate Diploma in Clinical Dentistry (GradDipClinDent).

The degree of Bachelor of Dental Surgery enables graduates to practise dentistry and is the academic evidence required by the Dental Board of NSW for registration as a dentist.

The degree of Bachelor of Science (Dental) is a research degree undertaken during or after the completion of the BDS degree.

The field of dentistry

The goal of the dental profession is the optimal oral health of the individual and the community, by the prevention of oral disease and the treatment of those diseases and abnormalities that cannot be prevented. The dental profession is an integral part of the health team in the community and has the specific responsibility for orofacial tissues and their function and a joint responsibility with the other health professions to integrate dental and oral health into the total health care of the community.

This responsibility involves consideration of the patient both as an individual and as a member of the community. In the modern dental curriculum, community dentistry is playing an ever increasing role.

Dentistry as a profession

There is an increasing scope of activity for dental graduates. The control of dental caries and the lessening of needs for routine restorative dentistry in the younger generation, as well as rapid advances in research and prevention over the last decade, have allowed dental graduates the opportunity to carry out more sophisticated and specialised dental treatment. The increasing availability of postgraduate training makes the entry into specialised practice more readily available and the growing level of community awareness of the significance of oral health, together with a feeling of confidence in preventive measures, allows a higher standard of dental health care to be provided for the community.

The emphasis on community health aspects and the development of the social responsibility of the profession are also influencing the nature of dental practice and re-orienting attitudes of both the profession and the community to oral health and the value of preventive and treatment services.

General dental practice

Registered dental graduates may practise as general practitioners and provide dental care for their patients in a private practice situation. They may also practise general dentistry in an institution, government instrumentality or in the armed services. Most dentists are in general practice.

Specialisation

Dentists may undertake programs of advanced study and research to prepare themselves for specialised practice. Some of the areas of specialisation are orthodontics, oral and maxillofacial surgery, oral medicine, periodontics, dental public health, prosthodontics and paediatric dentistry.

Dental graduates may restrict their practices to one of the areas of specialisation or may, after taking a higher degree or additional qualification, emphasise and develop an area of specialised interest within general practice.

Research

The essence of professional and university activity is the development of knowledge in the total field that the profession encompasses.

Research in dentistry is the basis of progress, in understanding not only human biology and pathology, but also psychology. It embraces every aspect of the basic sciences, clinical practice and the behavioural sciences in their relationship to the production of oral health and its maintenance.

There are increasing opportunities for research in oral health science. Generally graduates will have to undertake higher degree programs to fit them for a career in both research and teaching.

Teaching

With the expansion and development of dental schools and the increasing numbers of students, the tendency is to rely on a core of full-time specially trained staff members in teaching, with support from dedicated part-time teachers recruited from the ranks of the profession.

The teaching of dentistry provides a most interesting career, for it necessitates a combination of the academic and practical aspects of dentistry approached on the highest possible level.

Institutional dentistry

Every hospital or clinic providing a dental health service must employ a number of graduate dentists. Many find that working within the structure of such an organisation is both interesting and rewarding and the new graduate, in particular, may welcome the opportunity of further experience in hospital work.

Armed services

In time of peace, as well as in war, the Navy, Army and Air Force each maintain a dental health service. The dentist commences with a commissioned rank.

School Dental Service

For those interested in dental work limited to treatment for children, the School Dental Service offers many opportunities. With the extension of public health programs, this service has been significantly expanded.

The Dentists Act

The practice of dentistry in NSW is governed by the Dentists Act 1989, and by the regulations made pursuant to it. Copies of the Act and regulations may be obtained from the Office of the Government Printer, Sydney. The administration of the Act is vested in the Dental Board of NSW.

It is illegal to perform any operation or give any treatment, advice or attendance such as is usually performed or given by dentists unless registered by the Dental Board of NSW.

Any person who proves to the Board to be of good character shall be entitled to be registered as a dentist if he or she is:

- a graduate in dentistry of any university in Australia or of a dental college affiliated with a university of Australia; or
- qualified in any of the ways set out in Section 10 of the Act.

Centres and services for teaching and research

Students undertake their training at both the United Dental Hospital and Westmead Centre for Oral Health.

United Dental Hospital of Sydney

The United Dental Hospital provides:

- (a) clinical and technical facilities for the instruction of dentistry students;
- (b) dental treatment for patients who are holders of Health Cards or those referred for specialist care;
- (c) facilities for the Institute of Dental Research.

Westmead Centre for Oral Health

The Westmead Centre for Oral Health is part of Westmead Hospital. It provides:

- (a) clinical and technical facilities for the instruction of dentistry students;
- (b) dental treatment for patients who are holders of Health Cards or those referred for specialist care.

Aboriginal Medical Service

The Aboriginal Medical Service is an out-patient health care unit for Aboriginal patients from all over Australia who, for a variety of reasons, do not make use of conventional health services. The Service has been affiliated as a teaching institute of the University of Sydney. It has a dental clinic that offers students training in preventive dentistry in particular. It also provides excellent opportunities to conduct follow-up treatment and clinical practice in a community setting and to gain clinical experience of the dental problems of a major ethnic group.

Institute of Dental Research

The Institute of Dental Research, which occupies most of the seventh floor of the United Dental Hospital, performs a wide variety of functions. The Institute grew out of what was previously the Department of Pathology of the hospital. As the name of the Institute implies, its staff are primarily concerned with dental research and comprise graduates in both dentistry and science. There are permanent positions for graduates as well as a number of positions held by postgraduate students on research grants. The Institute is concerned with biological research rather than problems of dental materials and the topics of investigation come within the fields of chemistry, biochemistry, physiology, bacteriology, immunology and pathology. There is a close liaison with the dental profession and certain tests are carried out on request. Finance is provided by the Health Department of New South Wales, but members of staff lecture part-time at the University and participate in postgraduate dental programs.

Membership of the Faculty

Resolutions of the Senate

Constitution of the Faculty of Dentistry

1. The Faculty of Dentistry shall comprise the following persons:
 - (a) the Professors, Readers, Associate Professors, Senior Lecturers, Lecturers and Associate Lecturers being full-time permanent, fractional permanent, full-time temporary, or fractional temporary members of the teaching staff in the Disciplines of the Faculty of Dentistry;
 - (b) the Deans of the Faculties of Medicine and Science;
 - (c) the Heads of the Schools of Biological Sciences, Chemistry and Physics or their nominees;
 - (d) the Heads of the Departments of Anatomy and Histology, Biochemistry, Infectious Diseases, Pathology, Pharmacology and Physiology or their nominees and up to two full-time members of the academic staff of each of those departments who are responsible for teaching dental

students, nominated biennially by the head of the department;

- (e) the Boden Professor of Human Nutrition;
- (f) not more than eight part-time members of the teaching staff in the disciplines of the Faculty of Dentistry elected by the Faculty, with not more than two members being elected from any one discipline;
- (g) full-time members of the research staff of the disciplines of the Faculty of Dentistry and of the Institute of Dental Research who hold appointments of Research Fellow and above;
- (h) persons upon whom the title of Clinical Professor, Adjunct Professor, Clinical Associate Professor, Adjunct Associate Professor, Clinical Senior Lecturer, or Clinical Lecturer has been conferred in accordance with the resolutions of the Academic Board;
- (i) not more than five students elected in the manner prescribed by resolution of the Senate;
- (j) the President of the Dental Health Education and Research Foundation and the President of the Faculty of Dentistry Foundation within the University of Sydney;
- (k) the General Superintendent of Westmead Hospital;
- (l) the Director of Dental Services at Westmead Hospital and the Director of Dental Services at the United Dental Hospital;
- (m) the Director of the Institute of Dental Research;
- (n) the Chief Dental Officer of the Department of Health of New South Wales;
- (o) one nominee of each of the Royal Australasian College of Dental Surgeons and the Australian Dental Association (New South Wales Branch);
- (p) such other persons as may be appointed by the Faculty on the nomination of the Dean, for such period as determined by the Faculty; and
- (q) such other persons as may be appointed by the Faculty as Honorary Members of Faculty on the nomination of the Dean, for such period as determined by the Faculty, in accordance with resolutions adopted by the Faculty at its meeting on 10 November 1995.

2. The election of members pursuant to section 1(f) shall be held at the last meeting of the Faculty in each alternate year and the members so elected shall hold office from 1 January of the year following their election until the next election but conterminously with their membership of the part-time teaching staff.

Student membership of the Faculty

The resolutions of the Senate make provision for five students to be elected to membership of the Faculty of Dentistry. The five students shall comprise:

- (a) the President of the Sydney University Dental Undergraduates' Association, provided he or she is a student enrolled for a degree or diploma in the Faculty of Dentistry (ex officio),
- (b) one student enrolled for a postgraduate degree or for a diploma in the Faculty of Dentistry, provided that if there is no nomination of a postgraduate student the vacancy may be filled by an undergraduate student,
- (c) three other students.

The Senate resolutions for the student membership of the Faculty of Dentistry are set out in full in the University's *Calendar*.

Students may also become members of other university bodies.

History of the Faculty

Consideration was first given in 1897 to the possibility of establishing a School of Dentistry in the University of Sydney, when a provisional curriculum was drawn up by the Senate. However, in the absence of any law in New South Wales regulating the practice of dentistry, it was not considered appropriate to take any definite steps, and no action was taken until the passing of the Dentists Act in 1900.

The birth of the dental profession in New South Wales occurred on 1 January 1901, when the Dentists Act became operative. Prior to this time, there were no laws governing the practice of dentistry in New South Wales. Any person could set up in dental practice. However, there were some dentists trained in England who were in practice in the then colony, and these people worked hard to lay the groundwork for a dental school and to establish the practice of dentistry on a professional basis.

The Dentists Act provided for the licensing of dental practitioners who presented evidence of their qualification to a Board created for the purpose by the Act. The Act recognised any qualification which might be awarded by the University of Sydney, and there was therefore no further reason for delay in establishing a dental school. In 1901 a Committee of the Senate was appointed to complete the arrangements for the opening of a dental school. A Department of Dental Studies was established, with the Dean of the Faculty of Medicine at its head. In March 1901 the Dental School opened, with seventeen students.

The Dental School offered a curriculum of three years leading to a Licence in Dentistry. The course consisted of basic science subjects such as chemistry, physics, anatomy and physiology; the medical subjects materia medica, pathology and surgery; and clinical dentistry.

A Board of Dental Studies was established, consisting of the Chancellor, the Deputy Chancellor and the Dean of the Faculty of Medicine (Chairman), as well as the professors and lecturers in the subjects of the dental curriculum and the members of the honorary staff in the Dental Hospital. The first meeting of the Board was held on 12 February 1901. Professor Sir Thomas Anderson Stuart, the Dean of the Faculty of Medicine, worked tirelessly, first to establish the Dental School and then following its inception, to promote its activities.

Initially it was proposed that dental students should obtain clinical training in the dental department of Sydney Hospital, but this was found to be impracticable. The University Dental Hospital was therefore established in 1901 for the purpose of providing dental care for persons unable to pay normal dental fees and also for the purpose of clinical instruction to dental students of the University.

The Hospital's business was carried out in a building at the corner of George and Bathurst Streets in the city opposite St Andrew's Cathedral. In 1900 a Dental Hospital of Sydney was also established by the NSW Government, to provide dental care for the poor. Subsequently the two hospitals were amalgamated by Act of Parliament in 1905, to form the United Dental Hospital of Sydney. The United Dental Hospital was established in a building on its present site in Chalmers Street, Surry Hills, Sydney.

Apart from the medical members, the Department of Dental Studies consisted of seven dental staff:
The Instructor in Mechanical Dentistry
N.A. Gray

Three lecturers in Surgical Dentistry

N.S. Hinder, DDS

N.B. Pockley, DDS

R. Fairfax Reading, MRCSEd

Three lecturers in Mechanical Dentistry

A.H. MacTaggart, DDS

A.C. Nathan, DDS

H.S. du Vernet, DDS

In 1905 the Senate established the degree of Bachelor of Dental Surgery; and a curriculum of four years' duration was approved for this purpose. Special arrangements were made to permit students holding the Licence of Dentistry to be admitted to the degree after a year of further study. In 1906 the first candidates were admitted to the degree of Bachelor of Dental Surgery. There were thirteen candidates for the degree, including two women. Following its establishment, the Board of Dental Studies continued to plan for the eventual

development of a Faculty of Dentistry. In 1910 the board proposed that a degree of Doctor of Dental Science, similar to the degree of Doctor of Medicine, be established in the University of Sydney. In 1920 the generosity of the McCaughey benefaction made possible the establishment of several new Faculties in the University, including a Faculty of Dentistry. The first meeting of the Faculty of Dentistry, at which seven members were present, was held on 8 July 1920, and Dr Fairfax Reading was elected first Dean.

The establishment of the Dental School and its later development as a Faculty owes much to the endeavours and the ability of Richard Fairfax Reading. Fairfax Reading, who held qualifications in medicine and dentistry from the Royal College of Surgeons in the United Kingdom, commenced practice as a dentist in Sydney in 1889 and, together with other dental colleagues and with Sir Thomas Anderson Stuart, had worked to create a dental school within the University of Sydney. He became the first part-time Director of Dental Studies and subsequently full-time Director and then Professor of Dentistry. He was Dean of the Faculty from 1921 until his retirement in 1934. Fairfax Reading raised the standards of dentistry as a profession in New South Wales and firmly established dental undergraduate training in the University.

In the 1920s there was considerable concern in the Faculty about transferring the dental hospital to the main grounds of the University, preferably to be associated with the Royal Prince Alfred Hospital. Only an absence of funds prevented the Senate from adopting this proposal.

The degree of Bachelor of Dental Surgery of the University of Sydney was recognised by the General Medical Council of the United Kingdom for the purpose of registration in Great Britain and its colonies. In 1926 the Senate approved the introduction of the degree of Doctor of Dental Science, and in the following year the first degree was awarded. In 1934 Dr A. J. Arnott was appointed to the Chair of Dentistry following the retirement of Dr Fairfax Reading. Professor Arnott, who had previously been Superintendent of the United Dental Hospital, was elected Dean of the Faculty of Dentistry, a position he held until his retirement in 1964.

The Australian Dental Association, NSW Branch, was established in 1927 with the active support of the Faculty of Dentistry and in 1928 the federal body, the Australian Dental Association, came into being.

In 1934 the Dentists Act was amended. The principal change was the abolition of a system of apprenticeship, which had allowed dentists to take apprentices or pupils in return for payment. The University of Sydney was now recognised as the only institution for training recognised dental practitioners in New South Wales.

The 1930s saw an increase of interest in dental research, and the NSW and Commonwealth Governments provided funds to the Faculty for this purpose. In 1936 the Faculty resolved to extend the curriculum of four years for the BDS degree into a fifth year. The degree became a full five-year course in the 1960s following a visit of inspection by the General Dental Council of the United Kingdom.

In 1939 a new building was established for the Faculty of Dentistry within the United Dental Hospital. The postwar period saw an expansion of the activities of the United Dental Hospital. In 1946 a Director of the Departments of Pathology and Bacteriology at the Hospital was appointed. In the same year the Institute of Dental Research was established at the Hospital with the approval of the NSW Government. The Institute, which was established to promote dental research, was based on the National Institute of Dental Research in Bethesda, Maryland, USA. Dr N. E. Goldsworthy, Senior Lecturer in Bacteriology in the Faculty of Medicine, was appointed the first Director.

In the 1940s the staff of the Faculty was considerably strengthened. In the early part of the decade three lecturers were appointed, and later three positions of senior lecturer were established in the fields of dental pathology (1947), preventive dentistry (1948) and operative dentistry (1948). Subsequently, in 1954 and 1955, three associate professors in these fields were appointed. An additional lecturer in operative

dentistry was appointed in 1952. In 1947 the Postgraduate Committee in Dental Science was established, to promote and develop programs of continuing education for the dental profession.

In 1959 the Faculty established the Diploma in Public Health Dentistry. The degree of Master of Dental Science was established in 1964. This was the first full-time formal postgraduate degree in dentistry in Australia.

In 1961 the Senate resolved to establish three chairs in the Faculty, in the fields of prosthetic dentistry, operative dentistry, and preventive dentistry. Associate Professors Graham, Lyell and Martin were appointed to these chairs respectively. In 1964 Professor Arnott retired and Dr M. Jolly succeeded him as McCaughey Professor of Oral Surgery. Professor Arnott (1899-1973) had made a distinguished contribution to the development of the teaching of dentistry, to the planning and building of the United Dental Hospital and to the establishment of the Institute of Dental Research. He was succeeded by Professor Lyell as Dean of the Faculty. In 1970 Professor Martin became Dean of the Faculty, retiring in December 1988. Professor Hume was elected Dean in January 1989 and resigned in September 1990. Professor Klineberg was elected Dean to March 1992 and under a revised University policy became the first appointed Dean for a five-year term 1992 to 1996.

The 1970s were a period of concern about redevelopment of dental teaching and research facilities and revision of the undergraduate curriculum. The MGM Building adjoining the United Dental Hospital was purchased by the Health Commission of New South Wales with the financial support of the Australian Universities Commission, and was converted into facilities for the Faculty. Planning commenced for a second clinical school to be established in the Westmead Centre, a major new hospital complex in the western suburbs of Sydney (now known as Westmead Hospital). The Hospital was opened for medical patients in 1978 and accepted its first dental patients in 1980.

The Westmead Hospital Dental Clinical School (now the Westmead Centre for Oral Health) has become a major facility for the Faculty for both undergraduate and postgraduate education and training.

In line with developments in dental and health sciences education throughout the world, the Faculty embarked in 1970 on a review of its undergraduate curriculum. Radical changes were adopted and the first students were accepted into the new BDS course in 1978.

The Faculty of Dentistry of the University of Sydney is one of the largest dental schools in Australia. It has extensive postgraduate and continuing education programs. Dental graduates of many countries have undertaken their postgraduate studies at the University of Sydney over the last twenty-five years. Through the superior quality of its graduates and its postgraduate training and research, the Faculty has established a strong international reputation and has been responsible for promoting the highest standards of dental care in Australia.

In 1994 and 1997, new Faculty structures were introduced. There are no longer four departments with departmental heads and disciplines grouped within departments. Instead, disciplines within the Faculty have been identified, each under the general supervision of a head of discipline, with the Pro-Dean, Associate Professor Cyril Thomas, exercising some of the responsibilities normally assigned to department heads. Year directors are appointed to coordinate coursework for each year of study and unit of study coordinators are responsible for individual units of study in each year.

In keeping with the principle of continuing evaluation and development, a complete review of the curriculum is currently in progress. Faculty has resolved to introduce a four-year graduate-entry program (the USydDP) in the year 2001. This will be the first graduate-entry program offered by a Dental School in Australia. The curriculum will be modelled on problem-based learning (PBL) and will be information technology-intensive with emphasis on small group

discussion. The Faculty has embarked on a strategic partnership with the Faculty of Medicine within the College of Health Sciences to support this educational initiative.

Undergraduate degree requirements

Bachelor of Dental Science (BDS) curriculum

In 1978 the Faculty of Dentistry introduced a five-year curriculum for the BDS degree. The course aims at providing a basic training for dentists and giving graduates a rational approach to the practice of dentistry in the light of existing knowledge, so that they may understand and use the new developments that they will later encounter in dental practice. Training for the practice of dentistry is a lifelong process, of which undergraduate study is only the first step. The object of the undergraduate course is to provide dental practitioners with the scientific basis for future studies and to equip them with sufficient skills to begin the practice of dentistry immediately after graduation.

The curriculum attempts to integrate the basic sciences and the preclinical, paraclinical and clinical components of the course. Students are introduced to clinical experience early in the course, and the coordination of units of study and disciplines is emphasised to enable them to identify with dentistry at the beginning of their studies and to prepare them for modern concepts of total oral health care. In line with current developments in health care education throughout the world, there is an emphasis on the behavioural sciences relating to dentistry and also on the practice of dentistry in a community health setting.

Whilst still retaining the best features of its traditional teaching the Faculty believes the curriculum will produce, at the end of five years, a graduate equipped to cope with dentistry in the twenty-first century.

Regulations

The resolutions of the Senate governing the degrees of Bachelor of Dental Surgery and Bachelor of Science (Dental) are reproduced below.

Bachelor of Dental Surgery

1. (1) A unit of study shall consist of lectures, seminars or tutorials, together with such clinical and laboratory instruction or practical work, exercises or essays as may be prescribed by the Faculty.
(2) In these resolutions, the words 'to complete a unit of study' and derivative expressions mean:
 - (a) to attend all lectures, seminars or tutorials, and clinical and laboratory instruction;
 - (b) to complete satisfactorily the practical work, exercises or essays if any; and
 - (c) to pass the examinations in the unit of study.
2. (1) An examination shall be held for each of the prescribed units of study for the degree.
(2) At each examination a candidate may be required to give proof of the candidate's knowledge by practical or viva voce examinations, and the results of such tests may be taken into account in determining the results of the examinations.
3. A candidate for the degree shall, during the First Year, complete the following units of study:
 - (1) Physics
 - (2) Chemistry
 - (3) Biology
 - (4) Histology and Embryology
 - (5) Biochemistry
 - (6) Oral Anatomy and Oral Health
 - (7) Dental Technology.
4. A candidate for the degree shall, during the Second Year, complete the following units of study:
 - (1) Anatomy
 - (2) Biochemistry
 - (3) Histology
 - (4) Physiology
 - (5) Materials Science
 - (6) Tooth Conservation
 - (7) Removable Prosthodontics (Preclinical)
 - (8) Oral Health
 - (9) Professional Communication.
5. A candidate for the degree shall, during the Third Year, complete the following units of study:
 - (1) Infectious Diseases
 - (2) Pathology
 - (3) Tooth Conservation
 - (4) Removable Prosthodontics
 - (5) Periodontics
 - (6) Oral Biology
 - (7) Oral Diagnosis and Radiology
 - (8) Occlusion
 - (9) Endodontics
 - (10) Fixed Prosthodontics
 - (11) Pharmacology
 - (12) Oral Surgery (Local Anaesthesia and Exodontia)
 - (13) Orthodontics.
6. A candidate for the degree shall, during the Fourth Year, complete the following units of study:
 - (1) Tooth Conservation
 - (2) Fixed Prosthodontics
 - (3) Endodontics
 - (4) Removable Prosthodontics
 - (5) Preventive Dentistry
 - (6) Oral Surgery
 - (7) Oral Pathology and Oral Medicine
 - (8) Surgery
 - (9) Pharmacology and Therapeutics
 - (10) Anaesthesia
 - (11) Oral Diagnosis and Radiology
 - (12) Periodontics
 - (13) Orthodontics.
7. A candidate for the degree shall, during the Fifth Year, complete the following units of study:
 - (1) Oral Surgery
 - (2) Clinical Dentistry
 - (3) Electives
 - (4) Ethics and Professional Responsibility
 - (5) Systemic Pathology.
8. Except by permission of the Dean of the Faculty, no candidate shall be allowed to sit for any yearly examination unless the requirements as specified by the Faculty for that year have been completed.
9. Except with the permission of the Faculty, no candidate shall be permitted to enrol in any units of study prescribed for the Second or subsequent Years of candidature unless that candidate has completed all the requirements of the previous Year as specified by the Faculty for that Year.
10. Candidates who have completed all units of study for the degree to the satisfaction of the Faculty may be recommended to the Senate for the degree of Bachelor of Dental Surgery.
11. Except with the permission of the Faculty, all requirements for the degree shall be completed within nine calendar years from the date of first enrolment in the Faculty.
12. First Class or Second Class Honours may be awarded at graduation.
13. If a candidate graduates with First Class Honours and the Faculty is of the opinion that the candidate's work is of sufficient merit, that candidate shall receive a bronze medal.
14. A candidate who had been enrolled for the degree of Bachelor of Dental Surgery but has not re-enrolled for a

period of one year shall complete the requirements for the degree under such conditions as the Faculty may determine.

15. Where a unit of study for the degree is no longer available, a candidate shall complete instead such other unit or units of study as the Faculty may by resolution prescribe.

Bachelor of Science (Dental)

1. A candidate for the degree of Bachelor of Dental Surgery who-
 - (a) has shown exceptional merit in the entry qualification(s) for the degree, or in the units of study of the degree,
 - (b) is considered by the Head of Discipline/ Department, or the Professor or other member of the teaching staff most concerned, a suitable candidate for advanced study and research,may be permitted, with the special permission of the Dean, to undertake an approved course of advanced study and research within the Faculty, concurrently with their enrolment in the degree. The course of advanced study and research shall, except with the permission of the Faculty, be completed in not less than three years.
2. A candidate for the degree of Bachelor of Dental Surgery who-
 - (a) has completed the units of study of the Third Year or the Fourth Year for the degree,
 - (b) has shown special merit in those studies, and
 - (c) is considered by the Head of the appropriate Discipline/Department, or the Professor or other member of the teaching staff most concerned, a suitable candidate for advanced study and research,may be permitted by the Faculty to interrupt candidature for the degree and undertake an approved course of advanced study and research within the Faculty.
3. A person who-
 - (a) has qualified for the award of the degree of Bachelor of Dental Surgery of the University of Sydney,
 - (b) has shown special merit in those studies, and
 - (c) is considered by the Head of the appropriate Discipline/Department, the Professor or other member of the teaching staff most concerned, a suitable candidate for advanced study and research,may be permitted by the Faculty to undertake, during the year immediately following that in which the candidate qualified for the award of the degree of Bachelor of Dental Surgery, an approved course of advanced study and research within the Faculty.
4. On completion of the course, the candidate may be recommended by the Faculty for the award of the degree of Bachelor of Science (Dental).
5.
 - (1) The degree shall not be awarded before the completion of the units of study of the Third Year of the degree of Bachelor of Dental Surgery.
 - (2) The degree shall only be awarded with Honours.
 - (3) There shall be three classes of Honours, namely Class I, Class II and Class III.
 - (4) If a candidate graduates with First Class Honours and the Faculty is of the opinion that the candidate's work is of sufficient merit, that candidate shall receive a bronze medal.

Units of study

Disclaimer

Units of study and arrangements for units of study, including staff allocated, as stated in any publication, announcement or advice of the University are an expression of intent only and are not to be taken as a firm offer or undertaking. The University reserves the right to discontinue or vary such units of study, arrangements or staff allocations at any time without notice.

Curriculum

The description of units of study below follows the sequence given in resolutions of the Senate 3-7 in Chapter 5 of this handbook. The arrangement is by years. All students take all units of study in proceeding to the BDS degree.

Recommended books for units of study

Changes sometimes occur in the selection of prescribed textbooks, or reference books, owing to supply difficulties, or the publication of new and more suitable works. Such changes will be announced by lecturers and it is prudent to check with the relevant lecturer before buying the books you expect to need.

First Year

Assumed knowledge: 2-unit course in Mathematics and two of 2-unit courses in Biology, Chemistry and Physics.

First Year courses are held on the University Main Campus and at the United Dental Hospital.

DENT 1007 Physics

8 credit points

Dr Juris Ulrichs

Offered: February. Classes: 3 lectures, 1 tutorial and 3 practicals per week. Assessment: One 3 hour exam, continuous in laboratory. Physics for Dentistry is a one-semester unit of study. Topics include mechanics, properties of matter, thermal physics, electricity, light and radiation. The laboratory course includes practical electricity, geometrical optics and experimental method.

Textbooks

Kane, J W and Sternheim, M M, Physics, 3rd edition, John Wiley, 1988

Physics 1 Laboratory Handbook and Experiment Notes, School of Physics, 2000

CHEM 1403 Chemistry

8 credit points

Dr Julia James

Offered: February, July. Classes: 41 Inorganic and Physical and 27 Organic lectures, ten 3 hour practicals and 27 tutorials.

Assessment: Exams at end of each semester, laboratory exercises and quizzes in Semester 1.

This is the School of Chemistry's Chemistry ILS unit of study. It is designed for the student who requires a good general grounding in chemistry for the subsequent study of subjects such as biochemistry, physiology and dental materials. It covers chemical theory, inorganic, physical, and organic chemistry with many examples from biological areas. Full details are available from the Chemistry School. Students are advised at the beginning of the year about other factors contributing to assessment for the unit of study.

Textbooks

Students should obtain a booklist from the School during the orientation period.

DENT 1002 Biology

7 credit points

Dr Charlotte Taylor

Offered: February. Classes: 3 lectures and 3 practicals per week.

Assessment: One 2 hour exam, assignments.

This is an introduction to the major themes of modern biology. Starting with interactions between organisms in biological communities, we move on to the diversity of microorganisms, plants and animals. This is followed by introductory cell biology, which particularly emphasises how cells obtain and use energy, and leads into an introduction to molecular biology through the role of DNA in protein synthesis and development. The genetics of organisms is then discussed, leading to consideration of theories of evolution and the origins of the diversity of modern organisms.

Textbooks

Knox R B et al, Biology, McGraw-Hill, 1995

Notes to accompany lectures will be issued as appropriate.

Laboratory notes should be obtained from the Carlsaw Building during the week before lectures begin. Further details are contained in the booklet Information for Students in First Year Biology which is available at enrolment from the Faculty of Dentistry office.

DENT 1005 Histology and Embryology

4 credit points

Dr Anne Swan

Offered: July. Classes: 1 lecture and 2 practicals per week.

Assessment: One 1 hour theory exam, one 1 hour practical exam, practical books may be assessed.

The histology unit of study begins in Semester 2 and provides a general grounding in histology to serve as a basis for understanding the clinical components of the course such as oral biology and pathology and to combine with other preclinical subjects to provide an understanding of the human body in health and disease. In First Year the morphology of cells and tissues is considered in a course consisting of one lecture and one two-hour practical period per week. Each practical session is preceded by a slide tutorial demonstration.

The practical classes are problem-oriented and require the student to work from microscope slides, textbook and lecture material to complete exercises in their practical books. Purchase of the recommended textbook, 3rd edn (1995), is essential as exercises in the practical books refer to numbered pages in this text.

The embryology lecture topics cover early human development, the development of the orofacial region, and the developmental basis of craniofacial deformities.

Textbooks

Ross, M H et al, Histology: A Text and Atlas, 3rd edition, Williams and Wilkins, 1995

Sadler, T W, Langman's Medical Embryology, 7th edition, Williams and Wilkins, 1995

Reference book

Bath-Balogh, M and Fehrenbach, M J, Illustrated Dental Embryology, Histology and Anatomy, Saunders, 1997

DENT 1001 Biochemistry

3 credit points

Dr Michael Thomas

Offered: July. Classes: 3 lectures per week and 5 tutorials.

Assessment: One 0.5 hour exam (mid-semester), one 3 hour exam.

The unit of study provides a sound, basic introduction to general mammalian biochemistry. Dental aspects, including associated microbial aspects, are emphasised and their relevance to other units of study in the Faculty is stressed.

The topics include the chemistry, conformation and dynamics of cell components with particular reference to proteins, enzymes, nucleic acids and membrane lipids. This is followed by an important section on the storage, transmission and expression of genetic information.

Textbooks

Kuchel, P W and Ralston, G B, Schaum's Theory and Problems of Biochemistry, 2nd edition, McGraw-Hill, 1997

or

Campbell, M K, Biochemistry, 3rd edition, Saunders, 1999

or

Stryer, L, Biochemistry, 4th edition, Freeman, 1995

Preliminary reading

Rose, S PR, The Chemistry of Life, 3rd edition, Penguin, 1991

Reference book

Meisenberg, G and Simmons, W H, Principles of Medical Biochemistry, Mosby, 1998

DENT 1006 Oral Anatomy and Oral Health

6 credit points

Dr Carole Price and others

Offered: Full Year (starts Feb). **Classes:** 2 lectures and 1 tutorial per week. **Assessment:** One 1.5 hour exam in Semester 1, two 1.5 hour exams in Semester 2, four assignments (total equivalent to 3000 words).

A unit of study integrating dental anatomy, introductory general anatomy and oral health and disease concepts. Lectures provide basic terminology and theory and this is practically related in tutorial sessions ranging from tooth morphology, practical oral hygiene concepts and basic CPR techniques to introductory clinical examination and identification techniques. Clinical sessions introduce students to clinical history-taking and examination techniques, identification of supragingival dental deposits on teeth, correct operator and patient positioning for clinical treatment, and infection control procedures.

English comprehension and communication skills are assessed in this unit of study. Unsatisfactory performance in this component of the unit of study will require remedial action, and help from trained staff will be provided where necessary. The importance of communication skills in dentistry necessitates achievement of a pass standard in this component of the unit of study.

Reference books

Berkovitz, B K B et al, A Colour Atlas and Text of Oral Anatomy, Histology and Embryology, 2nd edition, Wolfe Publishing Ltd, 1992

Romaniuk, K and Kruger, B T, Anatomy of the Human Skull, Jaws, Teeth and Muscles of Mastication, University of Queensland, 1989

Scott, J H and Symons, N B B, Introduction to Dental Anatomy, 7th edition, Churchill Livingstone, 1974

Woelfel, J B and Scheid, R C, Dental Anatomy: its Relevance to Dentistry, 5th edition, Williams & Wilkins, 1997

DENT 1004 Dental Technology

12 credit points

Dr Carole Price

Offered: Full Year (starts Feb). **Classes:** 1 lecture and 4 practicals per week in Semester 1; 1 lecture and 3 practicals per week in Semester 2. **Assessment:** One 1 hour theory exam in Semester 1, one 1.5 hour theory exam in Semester 2, one 3.5 hour practical exam per semester.

Students will learn basic theory and skills of dental technology in preparation for later units of study in preclinical and clinical dentistry. Lectures provide basic theory and terminology concerning the composition, manipulation and use of a wide range of dental materials, and also the theory of construction of a range of dental appliances. This is practically related in laboratory sessions ranging from construction of dental appliances to reconstruction of tooth form using wax casting techniques.

Included as a component of Dental Technology is an introductory program in Preclinical Tooth Conservation. This second semester course of lectures and practical sessions is coordinated by staff from the Discipline of Tooth Conservation. The aim of this program is to introduce students to basic instruments and techniques used in clinical dentistry, including the high and low speed handpiece. Students are encouraged to develop the fine motor skills necessary for the preparation of cavity forms in teeth. In addition, practical exercises are undertaken which assist in an understanding of dental caries and dental restorative materials.

Textbooks

Combe, E C, Notes on Dental Material, 6th edition, Livingstone, 1992

Price, C A, A Laboratory Manual for Dental Technology, 5th edition, Kwik Kopy Printing, 2000

Second Year

Second Year units of study are held on the University Main Campus and at the United Dental Hospital.

DENT 2001 Anatomy

12 credit points

Dr Fiona Stewart

Offered: Full Year (starts Feb). **Classes:** 3 lectures and 6 practicals/tutorials per week in Semester 1; 3 lectures and 3 practicals per week in Semester 2. **Assessment:** One 1 hour theory exam per semester, and one 1 hour practical exam per semester, student feedback and viva voce assessments throughout each semester. This unit of study provides Dentistry students with their fundamental training in anatomy and neuroanatomy of the head, neck and thorax and with skills of dissection relevant to their later surgical training. Lectures are integrated with the dissections. Emphasis is given to particular areas of dental anatomy which are clinically relevant.

During the year, lectures focused on special areas on dental anatomy are given - eg, anatomy and function of the jaw in mastication; neuroanatomy of temporomandibular pain mechanisms; and radiological anatomy (plain, CT and MRI) of head and neck.

Individual problem-solving, small group self-directed learning, and interactive problem-solving discussion of clinical and anatomically related issues are encouraged in the dissection classes which are conducted under the highest standards of hygiene and respect for the cadaver.

Students must acquire a good quality human skull and specimens of permanent and deciduous teeth.

Textbooks

Barr, M L and Kiernan, J A, The Human Nervous System: an Anatomical Viewpoint, 6th edition, Lippincott, 1993

Johnson, D R and Moore, W J, Anatomy for Dental Students, 3rd edition, Oxford University Press, 1997

Romanes, G J, Cunningham's Manual of Practical Anatomy, Vol. 3, Head, Neck and Brain, Oxford Med. Publications, 1987

Sadler, T W, Langman's Medical Embryology, 7th edition, Williams and Wilkins, 1995

Stone, J et al, The Neuroanatomist's Colouring Book, Maitland Publications, 1981

plus

Netter, F H, Atlas of Human Anatomy, Novartis

or

McMinn, R M H et al, A Colour Atlas of Human Anatomy, Wolfe Med. Publications, 1995

Reference books

Netter, F H, Interactive Atlas of Clinical Anatomy, CD ROM Macintosh or Windows, Novartis, 1997

or

Rohen J W and Yokochi C, Color Atlas of Anatomy, 4th edition, Williams and Wilkins, 1998

or

McMinn et al, Color Atlas of Head and Neck Anatomy, 2nd edition, Mosby-Wolfe, 1994

DENT 2002 Biochemistry

4 credit points

Dr Michael Thomas

Offered: Full Year (starts Feb). **Classes:** 2 lectures per week in Semester 1 and four 5 hour practicals; 2 lectures per week in Semester 2. **Assessment:** One 2 hour exam per semester, one 0.5 hour theory of prac exam in Semester 1.

The course of lectures with a small practical component builds on the topics taught in First Year. In Semester 1 basic intermediary metabolism is described, followed in Semester 2 by the biochemistry of specialised tissues including blood, connective tissue, bone, teeth and saliva. The unit of study is completed with a section on biochemical aspects of nutrition. The emphasis during this semester is on applied and dental aspects of biochemistry.

Textbooks

Kuchel, P W and Ralston, G B, Schaum's Theory and Problems of Biochemistry, 2nd edition, McGraw-Hill, 1997

or

Campbell, M K, Biochemistry, 3rd edition, Saunders, 1999

Stryer, L, Biochemistry, 4th edition, Freeman, 1995

Reference books

Alberts, B et al, Molecular Biology of the Cell, 3rd edition,

Garland, 1995

Cole, A S and Eastoe, J E, Biochemistry and Oral Biology, 2nd edition, Wright, 1988

Meisenberg, G and Simmons, W H, Principles of Medical Biochemistry, Mosby, 1998

Smith, E L et al, Principles of Biochemistry, 7th edition, Mammalian Biochemistry, McGraw-Hill, 1983

Truswell, A S, ABC of Nutrition, 2nd edition, BMA, 1992

Williams, R A D and Elliott, J C, Basic and Applied Dental Biochemistry, 2nd edition, Churchill Livingstone, 1989

DENT 2003 Histology

6 credit points

Dr Anne Swan

Offered: Full Year (starts Feb). **Classes:** 1 lecture and 2 practicals per week in February Semester; 2 lectures and 3 practicals per week in July Semester. **Assessment:** One 1 hour theory exam per semester, one 1 hour practical exam per semester; practical books may be assessed.

During Semester 1 the groundwork laid in First Year is extended to include the morphology of organ systems in a unit of study consisting of one lecture and one two-hour practical period per week. This semester includes six lectures and two hours of practical work on embryology.

Semester 2 is devoted to oral histology, dealing with the histology of teeth, bone, the temporomandibular joint and other tissues of special relevance to dental practice. There are two lectures per week and one three-hour practical per week in July Semester. Each practical session is preceded by a slide tutorial demonstrating the special dental slides.

Textbooks

Semester 1

Ross, M H et al, Histology: a Text and Atlas, 3rd edition, Williams & Wilkins, 1995

Semester 2

Ten Cate, A R, Oral Histology. Development Structure and Function, 5th edition, Mosby, 1998

DENT 2006 Physiology

6 credit points

Dr Miriam Frommer

Offered: Full Year (starts Feb). **Classes:** 2 lectures, 1 practical and 1 tutorial per week. **Assessment:** One 2 hour theory exam per semester, poster, oral and written tests on practical classes.

The unit of study provides a general account of physiology and covers most systems of the body. Emphasis is placed on topics particularly related to dentistry wherever possible.

Textbooks

Sherwood, L, Human Physiology: From Cells to Systems, 3rd edition, West, 1997

Berne, R M and Levy, M N, Physiology, 4th edition, Mosby, 1998

DENT 2004 Materials Science

1 credit point

Prof Michael Swain

Offered: July. **Classes:** 2 lectures per week. **Assessment:** One 2 hour exam, one assignment.

Lectures are given throughout the semester on the relation between structure and properties of metallic alloys, polymer composites and ceramics, with special reference to their use as dental materials; and on the principles of adhesion and dental adhesives.

Textbooks

Combe, E C, Notes on Dental Materials, 6th edition, Livingstone, 1992

Reference books

Ashby, M F and Jones, D R H, Engineering Materials I and II, Pergamon, 1991

Craig, R G, Restorative Dental Materials, Mosby, 1990

McCabe, J F, Applied Dental Materials, Blackwell

Phillips, R W, Skinner's Science of Dental Materials, 9th edition, Saunders College Publishing, 1991

Schlenker, B R, Introduction to Materials Science, Jacaranda Press

DENT 2008 Tooth Conservation

6 credit points

Prof Roland Bryant, Dr Mary Moss, DrTania Gerzina, Dr Juliette Scott, Dr Joanna Seppelt and others

Offered: Full Year (starts Feb). **Classes:** 2 lectures and 3 practicals per week in Semester 1; 1 lecture and 3 practicals per week in Semester 2. **Assessment:** One 3 hour exam in Semester 1, one 2 hour exam in Semester 2, two 2.5 hour practical exams per semester.

Tooth Conservation is concerned with the restoration of lost tooth structure and the maintenance of the health of teeth, supporting tissues and occlusion. Students are required to restore lesions and defects, in plastic tooth models and in extracted natural teeth, working in a clinical simulation facility located at the United Dental Hospital.

The Second Year unit of study consists of lectures and practical classes on the nature of dental caries and its conservative management and on the principles of restoration of simple defects in the structure of teeth.

Textbooks

Mount, G J and Hume, W R, Preservation and Restoration of Tooth Structure, Mosby, 1998

DENT 2007 Removable Prosthodontics (Preclinical)

8 credit points

AProf Greg Murray

Offered: Full Year (starts Feb). **Classes:** 1 lecture and 3 practicals per week in Semester 1; 2 practicals/seminars per week in Semester 2. **Assessment:** One 2 hour exam in Semester 2, three 2 hour practical exams, class work.

Prosthodontics is the branch of dentistry that involves the restoration of lost teeth and supporting structures and the preservation of the remaining teeth and tissues and the occlusion.

This is a one-year preclinical unit of study involving lectures, practical exercises and seminars on the principles of design and construction of partial and complete dentures. Topics covered include: principles of partial and complete denture design, related dental anatomy, and clinical and laboratory techniques in partial and complete denture construction.

Reference books

Combe, E C, Notes on Dental Materials, 6th edition, Livingstone, 1992

Lechner, S K and MacGregor, A R, Removable Partial Prosthodontics: A Case-oriented Manual of Treatment Planning, Mosby Year Book, Europe, 1994

Lechner, S K and Thomas, C J, Partial Denture Construction: A Manual of Clinical and Laboratory Procedures, 5th edition, University of Sydney, 1991

Miller, E L and Grasso, J E, Removable Partial Prosthodontics, 3rd edition, Mosby, 1991

Phillips, R W, Skinner's Science of Dental Materials, 9th edition, Saunders College Publishing, 1991

DENT 2005 Oral Health

5 credit points

Dr Catherine Groenlund

Offered: Full Year (starts Feb). **Classes:** 1 lecture, 1 tutorial and 2 practicals per week. **Assessment:** One 2 hour practical exam in Semester 1, one 2 hour written exam in Semester 2, continuous clinical assessment, 7 projects.

This is a preclinical and clinical unit of study designed to introduce students to oral health care. The aims and objective are:

- to introduce clinical assessment of oral health status;
- to review current methods of plaque control and strategies in developing, implementing and assessing plaque control programs;
- to promote an awareness of the importance of effective communication skills;
- to instruct students in the basic skills of: clinical assessment of periodontal health status of patients; detection of supragingival dental deposits on tooth surfaces and oral appliances; mechanical removal of the deposits; techniques of clinical observation and recording of host response in the healing of

gingival tissues; provision of oral hygiene instruction; oral chemical application treatments and fissure sealants; and rubber dam application;

- to ensure students are fully conversant with infection control procedures in the practice of dentistry;
- to provide an introduction to community oral health issues.

Reference books

Fejerskov, O et al, Fluoride in Dentistry, 2nd edition, Munksgaard, 1996

Murray, J J, The Prevention of Oral Disease, 3rd edition, Oxford University Press, 1996

Rugg-Gunn, A, Nutrition, Diet and Oral Health, Oxford University Press, 1999

DENT 2005 Professional Communication

0 credit points

Dr Catherine Groenlund

Offered: February, July. **Classes:** see Oral Health. **Assessment:** Continuous clinical, four reports, two oral presentations.

This subject is integrated into the Oral Health unit of study in Second Year.

Competent clinical and professional communication skills are developmental and essential for the provision of quality patient management. The importance of effective communication skills is addressed and opportunities are provided for students to develop these skills in a clinical environment.

Topics covered include interviewing skills, writing professional reports, and oral presentation skills.

Third Year

University Main Campus: Infectious Diseases, Pathology.

United Dental Hospital: all other Third Year units of study.

DENT 3003 Infectious Diseases

5 credit points

AProf Raymond Kearney

Offered: February. **Classes:** 4 lectures per week, 26 x 2-hour practicals/tutorials. **Assessment:** One 3 hour exam, one 1 hour practical exam, skills and MCQ tests, assignments.

A unit of study of 52 lectures and 26 practical or theme sessions is given during Semester 1. A significant proportion of the course is devoted to self-directed learning by students. The format consists of student-presented posters and tutorials on set topic assignments.

The unit of study aims to teach the basic concepts and principles determining the mechanisms of microbial infection and pathogenicity and to provide the students with an understanding of infection and pathogenicity that will be relevant whatever the nature of the infectious agent and whatever the type of infection.

The acquisition of the theoretical basis of infectious diseases will thus serve as an essential foundation for understanding the theoretical and practical sessions on infection control which form an important and hence major component of the course content.

Textbooks

Mims, C A et al, Medical Microbiology, 2nd edition, Mosby, 1998

DENT 3009 Pathology

5 credit points

Dr John Gibbins

Offered: February. **Classes:** 2 lectures and 4 practicals per week. **Assessment:** One 1.5 hour assessment (in mid-semester break), one 2.5 hour exam.

The first component of a two-semester course in general and systemic pathology is taught in the Department of Pathology on the Main Campus. Two lectures and two slide classes per week cover general principles underlying pathological processes in cells and tissues. Emphasis is on general principles but pathological processes are illustrated with material from oral and paraoral tissues wherever possible. The second component (on systemic pathology) is taught in Fifth Year.

Textbooks

Cotran, R S et al, Pathological Basis of Disease, 5th edition, Saunders, 1994

DENT 3013 Tooth Conservation

5 credit points

Prof Roland Bryant, Dr Joanna Seppelt, Dr Liz Martin and others

Offered: Full Year (starts Feb). **Classes:** 1 lecture and 3 clinics per week. **Assessment:** One 1 hour exam per semester, one 2 hour practical exam in Semester 2, clinical work.

The unit of study provides experience in the clinical care of patients who require simple counselling for tooth conservation or simple restoration of coronal tooth structure. The lectures and practical classes add to the knowledge and skill required to provide such care. The course also includes a short 18-hour practical course on complex restorations.

Textbooks

Mount, G J and Hume, W R, Preservation and Restoration of Tooth Structure, Mosby, 1998

DENT 3012 Removable Prosthodontics

5 credit points

Dr Graham Thomas

Offered: Full Year (starts Feb). **Classes:** 9 lectures and 33 practicals/clinics in Semester 1; 5 lectures, 2 tutorials and 39 practicals/clinics in Semester 2. **Assessment:** One 2 hour exam in Semester 1, one 3 hour exam in Semester 2, practical and clinical classwork.

The unit of study consists of two semesters of lectures, seminars and clinical and practical classes. Students examine and treat patients who require partial dentures, and under close supervision they carry out the clinical and laboratory stages in the construction of these prostheses.

The didactic aspects of the unit of study are provided through lectures. Seminars and group activities provide a less formal setting for interchange of ideas on selected topics. Emphasis is placed on partial dentures which maintain the integrity of the remaining oral structures through a rational approach to their design.

In addition, students attend the Special Prosthetics Clinic at the United Dental Hospital to gain an introduction to the practical/clinical aspects of treating complete denture patients.

Textbooks

Lechner, S K and Thomas, C J, Partial Denture Construction: A Manual of Clinical and Laboratory Procedures, 5th edition, University of Sydney, 1994

Reference books

Combe, E C, Notes on Dental Materials, 6th edition, Livingstone, 1992

Lechner, S K and MacGregor, A R, Removable Partial Prosthodontics: A Case-oriented Manual of Treatment Planning, Mosby-Wolfe, 1994

Zarb, G A et al, Boucher's Prosthodontic Treatment for Edentulous Patients, 10th edition, Mosby, 1990

DENT 3010 Periodontics

5 credit points

Dr Luke Villata

Offered: Full Year (starts Feb). **Classes:** 20 lectures, and 3 tutorials/practicals per week. **Assessment:** One 2 hour exam in Semester 2, one 2.5 hour practical exam in Semester 2, continuous clinical, two case presentations, two tutorial presentations.

This unit of study is designed to:

- introduce the current concepts of the aetiology and pathogenesis of gingivitis and inflammatory periodontal disease;
- provide a rationale for current clinical practices in the treatment of gingivitis and periodontal disease;
- review the current methods of plaque control and the strategies in the development of plaque control programs;
- instruct students in the clinical skills of: assessment of the periodontal health status of patients (diagnosis); developing a comprehensive treatment plan for patients with periodontal conditions; the detection of dental deposits on tooth and root surfaces; the mechanical removal of the deposits (scaling and root planing); assessment of host responses in the healing process of the gingival and periodontal tissues; and evaluation of effectiveness of initial periodontal therapy.

Textbooks

Lindhe, J et al, Textbook of Clinical Periodontology, 3rd edition, Munksgaard, 1997

Reference books

- Genco, R J, Contemporary Periodontics, Mosby, 1990
 Pattison, A M and Pattison, G L, Periodontal Instrumentation, 2nd edition, Appleton and Lange, 1991
 Rateitschak, K H et al, Color Atlas of Dental Medicine 1. Periodontology, 2nd edition, Thieme, 1989

DENT 3005 Oral Biology

1 credit point

Dr Michael Thomas and others

Offered: July. Classes: 3 lectures or PBL tutorials per week in Semester 2. Assessment: One 3 hour exam, assignments.

A series of lectures and problem based learning tutorials will be given on aspects of the biology of the mouth in healthy and diseased conditions. They will include topics such as: the properties and functions of saliva; oral bacteria and their interaction with each other and with oral tissues; the formation and properties of plaque; the biochemistry and development of teeth; calcium metabolism; the demineralisation and remineralisation of enamel; the molecular basis for the effect of fluoride; the metabolism of cariogenic bacteria; the role of diet (particularly sucrose) in caries; the carious lesion; the causes and development of periodontal diseases; biochemistry of the connective tissue of oral tissue and its response to disease and dental materials; the immunological aspects of periodontal disease; the control and prevention of periodontal disease; other diseases involving oral organisms such as pulpitis, candidiasis and endocarditis; musculo-skeletal pain; relationship of muscular function to psychological stress.

Textbooks

Marsh, P and Martin, M, Oral Microbiology, 4th edition, Butterworth Heinemann, 1999

Reference books

- Brock, T D et al., Biology of Microorganisms, 7th edition, Prentice-Hall, 1994
 Busscher, H J and Evans, L V, Oral Biofilms and Plaque Control, Harwood Academic Publishers, 1998
 Roitt, I, Essential Immunology, 9th edition, Blackwell, 1997
 Roitt, I and Lehner, T, Immunology of Oral Diseases, 3rd edition, Blackwell, 1992
 Soames, J V and Southam, J C, Oral Pathology, 3rd edition, Oxford, 1998

DENT 3006 Oral Diagnosis and Radiology

2 credit points

Dr Malcolm Coombs and others

Offered: Full Year (starts Feb). Classes: 14 lectures and 3 practicals in Semester 1; 13 lectures and 9 practicals in Semester 2. Assessment: Two 3 hour exams in Semester 2.

This unit of study is an introduction to dento-maxillo-facial radiology and oral diagnosis and treatment planning.

It covers the basic theoretical aspects of radiology: types of apparatus, production and characteristics of x-rays, radiation biology, films and film processing, precautions, quality assurance procedures, radiographic techniques, film interpretation and radiographs as diagnostic aids. Limited experience is gained in practical radiography in the clinic.

An introduction is given to the procedures used in the examination and systematic analysis of problems in oral health care. Topics included are patient examination procedures, recording data, history taking, signs and symptoms of abnormality, diagnostic aids, epidemiology of oral conditions, genetics in dentistry, abnormalities in dentition development, and principles and models in treatment planning.

Examinations are taken separately in oral diagnosis and dento-maxillo-facial radiology; a pass must be obtained in both to pass the unit of study.

Textbooks

- Bricker, S L et al, Oral Diagnosis, Oral Medicine and Treatment Planning, Lea & Febiger, 1994
 Goaz, P W and White, S C, Oral Radiology: Principles and Interpretation, Mosby, 1994

DENT 3004 Occlusion

3 credit points

Dr Anthony Au and others

Offered: Full Year (starts Feb). Classes: 9 lectures, 9 tutorials and 5 practicals in Semester 1; 9 lectures in Semester 2. Assessment: One 3 hour exam in Semester 2, class work, assignment.

This is a preclinical and clinical unit of study designed to study aspects of the human stomatognathic system. The practical program integrates the anatomical, physiological and histological information related to this system, with that presented in the basic units of study in Second Year. The following information will be included:

- application of techniques commonly used in clinical treatment for determining maxillo-mandibular relationships including jaw posture and different tooth contact positions, and the transfer of this information to an articulator for the analysis of study casts;
- the study of tooth morphology and the interrelationships at tooth contact for young healthy dentitions contrasted with changes in the dentition with age and the presence of malocclusions.

The clinical component requires students to work in pairs and carry out a comprehensive orofacial examination and occlusal analysis. A coordinated series of lectures and clinical sessions emphasising the pathophysiology of the stomatognathic system and relating the following is given:

- clinical techniques of recording and verifying jaw recording;
- clinical occlusal analysis including clinical assessment of TM joints, and jaw and cervical muscles;
- the clinical application of occlusal adjustment procedures;
- the appreciation of current literature on occlusion;
- the supervised examination of patients presenting with orofacial pain, emphasising aspects of diagnosis and treatment planning.

Textbooks

- Ash, M H and Ramfjord, S P, An Introduction to Functional Occlusion, Saunders, 1982
 Dubner, R et al, The Neural Basis of Oral and Facial Function, Plenum Press, 1978
 Klineberg, I J, Occlusion: Assessment and Diagnosis, Wright, 1991
 Klineberg, I J, Craniomandibular Disorders and Orofacial Pain: Diagnosis and Management, Wright, 1991
 Ramfjord, S P and Ash, M H, Occlusion, 4th edition, Saunders, 1994

DENT 3001 Endodontics

5 credit points

Dr Tony Martin and others

Offered: Full Year (starts Feb). Classes: 1 lecture and 1 practical per week. Assessment: One 1 hour exam per semester, preclinical work.

The unit of study comprises lecture and preclinical practical classes on the nature of pulpal and periapical disease and its treatment in anterior and posterior teeth. Working under conditions that simulate the clinical environment, endodontic treatment is carried out in extracted teeth.

Textbooks

Walton, R and Torabinejad, M, Principles and Practice of Endodontics, 2nd edition, Saunders, 1996

DENT 3002 Fixed Prosthodontics

5 credit points

Dr Jim Ironside

Offered: July. Classes: 1 lecture per week. Assessment: One 1 hour exam per semester.

The unit of study comprises a series of lectures on the restoration of defects in tooth structure using indirect technology. Emphasis is given to the indications for full crown preparations, inlays and onlays, fixed partial dentures, impression techniques, resin-bonded and conventionally luted technologies and temporisation. An introduction to single tooth implant systems will also be given.

Textbooks

Shillingburg, H T, Fundamentals of Tooth Preparations, Quintessence, 1987

Smith, B G N, Planning and Making Crowns and Bridges, Methuen, 1986

Rosenstiel, S F et al, Contemporary Fixed Prosthodontics, 2nd edition, Mosby, 1995

DENT 3011 Pharmacology

1 credit point

Prof Paul Seale and others

Offered: July. **Classes:** 1 lecture per week. **Assessment:** One 1.5 hour exam, two assignments.

This unit of study, consisting of 10 lectures and 2 problem-solving sessions, aims to provide students with a general understanding of the principles of pharmacology and drug use in medicine, and a more detailed understanding of drug use in dentistry. Introductory lectures deal with drug-receptor interaction, and drug absorption, distribution, metabolism and excretion. Also, drug formulation, compliance and routes of drug administration are discussed. Thereafter, the unit of study covers autonomic pharmacology and drugs used to treat allergy, inflammation and asthma. The problem-solving sessions will cover drugs used in emergencies and respiratory drugs.

Textbooks

Neal, M J, Medical Pharmacology at a Glance, 3rd edition, Blackwell Scientific Publications, 1997

Reference book

Cawson, R A et al, Basic Pharmacology and Clinical Drug Use in Dentistry, 6th edition, Churchill Livingstone, 1995

DENT 3007 Oral Surgery (Local Anaesthesia and Exodontia)

5 credit points

Dr Michael Buchanan and others

Offered: Full Year (starts Feb). **Classes:** Local Anaesthesia: 10 lectures, 3 tutorials and 3 practicals. Exodontia: 15 lectures, 12 practicals and 12 tutorials. **Assessment:** Local Anaesthesia: one 1 hour exam. Exodontia: one 2 hour exam.

Local Anaesthesia

The teaching in Local Anaesthesia is a continuum through Third, Fourth and Fifth Years. The introductory part of this course in local anaesthesia extends over several days in Semester 1. This part of the unit of study consists of an integrated series of lectures together with clinical demonstration and practice. The contents cover the history and development of the subject, applied anatomy, asepsis, local anaesthetic drugs, and techniques for the various regional anaesthetic injections for the second and third divisions of the trigeminal nerve. Further clinical experience and teaching continues throughout the remainder of the Fourth and Fifth Years.

Exodontia

In Semester 2, an intensive introductory course in the practice of exodontia is given as part of the oral surgery strand throughout Third, Fourth and Fifth Years. Topics covered by lectures, tutorials and practical demonstrations include patient assessment, the philosophy of surgical cleanliness, universal precautions, treatment planning, techniques for the removal of teeth, and the management of complications with a revision of basic life support. Regular clinical sessions in exodontia continue throughout the remainder of the Third, Fourth and Fifth Years.

Textbooks

Local Anaesthesia:

Somers, N H and Mouser, P G, Local Anaesthesia, Discipline manual, 1997

Reference book

Local Anaesthesia:

Roberts, D H and Sowray, J H, Local Analgesia in Dentistry, Wright, 1987

Exodontia:

Howe, G L, Extraction of Teeth, 2nd edition, Wright, 1990

DENT 3008 Orthodontics

1 credit point

Dr Theo Baisi

Offered: July. **Classes:** 5 lectures and 8 tutorials. **Assessment:** Multiple choice exam.

Given a child, adolescent or adult patient, by the conclusion of the unit of study the student should be able to:

- by non-directive questioning, obtain the patient's assessment of his/her own orofacial characteristics which may reveal concern about malocclusion or malposition of the teeth that the patient desires to be changed;
- employ a systematic clinical examination of the positions and occlusion of the teeth and health status of oral tissues of a patient, identifying deviations from normal, acceptable and healthy states for that patient;
- relate features of physiognomy of any patient to positions and occlusion of the teeth of that patient;
- offer preliminary advice on the general management of deviations from normal, acceptable and healthy oral health states.

Reference books

Houston, W J B, Orthodontic Diagnosis, 3rd edition, Wright, 1982
Proffit, W R, Contemporary Orthodontics, 2nd edition, Mosby, 1993

Fourth Year

Fourth Year units of study are given at the United Dental Hospital and the Dental Clinical School at Westmead Hospital.

DENT 4014 Tooth Conservation

5 credit points

Prof Roland Bryant, Dr Rajah Selvarajah, Dr Ian Martin, Dr Amanda Law, Dr Danny Low and others

Offered: Full Year (starts Feb). **Classes:** 1 lecture and 5 clinics per week in Semester 1; 1 lecture and 3 clinics per week in Semester 2; and 6 seminars. **Assessment:** One 2 hour exam in Semester 1, one 1.5 hour exam in Semester 2, one 3 hour practical exam per semester, clinical work. Assessment is based on performance in clinical sessions and the quantity and quality of treatment provided. Experience is obtained in the clinical care of patients who primarily require the conservation or restoration of teeth. The unit of study includes lectures and seminars which add to the knowledge and skills required to undertake more complex procedures in providing this care. A short 18-hour practical course on the advanced uses of composite resin for anterior and posterior teeth is held under clinical simulation conditions.

Textbooks

Mount, G J and Hume, W R, Preservation and Restoration of Tooth Structure, Mosby, 1998

DENT 4003 Fixed Prosthodontics

6 credit points

Dr Jim Ironside and others

Offered: Full Year (starts Feb). **Classes:** 30 lectures, 100 practicals/clinics and 18 seminars. **Assessment:** One 1.5 hour exam per semester, major essay, seminar participation, clinical work. Lectures and practical classes cover the principles of the design and construction of fixed appliances, including implants, which replace missing teeth, the properties and manipulation of dental porcelains, advanced techniques for the restoration of defects in individual teeth, and treatment planning for the patient requiring a more complex type of care.

Textbooks

Shillingburg, H T, Fundamentals of Tooth Preparations, Quintessence, 1987

Smith, B G N, Planning and Making Crowns and Bridges, Methuen, 1986

Rosenstiel, S F et al, Contemporary Fixed Prosthodontics, 2nd edition, Mosby, 1995

DENT 4002 Endodontics

5 credit points

Dr Tony Martin, Dr David Barnard and others

Offered: Full Year (starts Feb). **Classes:** 1 lecture and 2 clinics per week. **Assessment:** One 1 hour exam in Semester 1, one 1.5 hour exam in Semester 2, clinical work.

The unit of study provides instruction in the more complex aspects of endodontics in order to provide for the clinical diagnosis and care of patients with diseases and injuries that affect the pulpal and periradicular tissues of teeth.

Textbooks

Walton, R and Torabinejad, M, Principles and Practice of Endodontics, 2nd edition, Saunders, 1996

Reference book

Andreasen, J O, Essentials of the Traumatic Injuries of the Teeth, Munksgaard, 1991

DENT 4012 Removable Prosthodontics

5 credit points

AProf Sybille Lechner

Offered: Full Year (starts Feb). **Classes:** 1 lecture and 6 practicals/clinics per week. **Assessment:** One 3 hour exam in Semester 2, continuous clinical assessment.

A two-semester unit of study comprising lectures, seminars and practical classes including the treatment of patients. The following topics are studied:

- diagnosis and treatment planning; denture design; tooth modification;
- impression theories; maxillomandibular relationship; aesthetic and functional considerations in tooth arrangement; overdentures; immediate dentures; rebase and reline procedures.

Textbooks

Lechner, S K and Thomas, C J, Partial Denture Construction: A Manual of Clinical and Laboratory Procedures, 5th edition, University of Sydney, 1991

Reference books

Boucher, C O et al, Prosthodontic Treatment for Edentulous Patients, Mosby, 1990

Lechner, S K and MacGregor, A R, Removable Partial Prosthodontics: A Case-oriented Manual of Treatment Planning, Mosby-Wolfe, 1994

Miller, E L and Grasso, J E, Removable Partial Prosthodontics, 3rd edition, Mosby, 1991

CD-ROMs

Lechner, S K and Thomas, C J, Interactive Prosthodontics

Lechner, S K and Thomas, C J, Interactive Dentistry

DENT 4019 Preventive Dentistry

2 credit points

Dr Shanti Sivanewaran

Offered: July. **Classes:** 14 lectures. **Assessment:** One 2 hour exam.

This unit aims to provide students with an understanding of prevention in dentistry on a community basis and its multisectoral approach based on current epidemiological data taking into account the economic, social and cultural factors of a community. Students are provided with findings of research carried out in Australia and other western industrialised countries to demonstrate that a community preventive approach has succeeded in decreasing dental disease. This unit also introduces students to some broad principles in dental public health.

Topics covered during this course include current epidemiological data on dental disease and dental workforce in Australia, reasons for changes in oral health status in Australia and their implications on community preventive programs, dental workforce, utilisation of dental services and dental education. Other areas covered are factors that affect utilisation of dental services with emphasis on social factors and prevention, financing and cost of dental services in Australia and planning community-based preventive programs.

Textbooks

Murray, J J, The Prevention of Dental Disease, 3rd edn, Oxford, 1996

Reference books

Barnard, P D, National Oral Health Survey Australia 1987-88, Department of Community Services and Health, 1993.

Barnard, P D, Facts and Figures: Australian Dentistry - 1988, Australian Dental Association, 1989

Cohen, L K and Gift, H C, Disease Prevention and Oral Health Promotion, Munksgaard, 1995

Dunning, J M, Principles of Dental Public Health, 4th edition, Harvard University Press, 1989

Szuster F S P and Spencer A J, Dental Practitioner Statistics, Australia, 1994, Australian Institute of Health and Welfare Dental Statistics and Research Series No.11, The University of Adelaide, 1997

DENT 4006 Oral Surgery

6 credit points

Dr Punnia-Moorthy and others

Offered: Full Year (starts Feb). **Classes:** 1 lecture per week, 6 tutorials and 6 practicals. **Assessment:** One 2 hour exam in Semester 1, continuous class work.

The formal lecture course begins in Semester 1 and continues until the end of Semester 2. Theoretical aspects of clinical oral surgery are dealt with including: asepsis and antisepsis, and universal precautions; history taking, examination, laboratory investigations, biopsy techniques, assessment of the patient, and treatment planning; clinical procedures; surgical techniques, complications including haemorrhage and infection, and post-operative care of the oral surgery patient; impacted teeth, cysts, tumours, mucosal lesions, and surgical endodontics; and oral manifestations of systemic diseases.

Practical work is carried out in the Oral Surgery Clinic where students gain experience in minor oral surgical procedures. Students extend their experience in local anaesthesia and exodontia and are taught how to work in conjunction with specialist anaesthetists where general anaesthesia is required.

Diagnostic and oral surgery clinics are conducted regularly.

Textbooks

Cawson, R A, Essentials of Dental Surgery and Pathology, 5th edition, Churchill Livingstone, 1991

Howe, G L, Minor Oral Surgery, 3rd edition, Wright, 1985

Reference book

Scully, C and Cawson, R A, Medical Problems in Dentistry, 3rd edition, Wright, 1993

DENT 4005 Oral Pathology and Oral Medicine

3 credit points

Prof Murray Walker

Offered: Full Year (starts Feb). **Classes:** 1 lecture per week and twelve 2 hour problem-based learning sessions in Semester 1; 1 lecture per week and fifteen 2 hour problem-based learning sessions in Semester 2. **Assessment:** One 2 hour exam in Semester 1, one 3 hour exam in Semester 2.

In Oral Pathology, the student learns how the principles of general pathology apply to the understanding of disorders affecting the teeth, gingivae, jaws, oral mucosa and salivary glands. A series of lectures establishes a framework for this understanding. The other unit of study component depends upon learning through problems set in a structured series of exercises including clinical cases with photographs, radiographs and histology slides to study, which each student completes individually. This is followed by a group discussion led by a tutor. Each of these completed assignments is then evaluated as part of the unit of study assessment of the student's progress.

In Oral Medicine, the diagnosis and management of non-surgical disorders affecting the mouth, teeth and jaws are covered in lectures, followed in Fifth Year by seminars and clinics. This instruction includes the oral manifestations of systemic disease and the dental management of medically compromised patients.

Textbooks

Soames, J V and Southam, J C, Textbook of Oral Pathology, Oxford Medical Publications, 1999

Reference books

Tyldesley, W R, and Field, E A, Textbook of Oral Medicine, latest edition, Oxford Medical Publications

Scully, C and Cawson, R A, Medical Problems of Dentistry, latest edition, Wright

Bagg, J et al., Essentials of Microbiology for Dental Students, Oxford University Press, 1999

DENT 4020 Surgery

2 credit points

Dr Nicholas Packham

Offered: Full Year (starts Feb). **Classes:** 1 lecture per week.

Assessment: One 2 hour exam in Semester 2.

A unit of study comprising lectures is given, devoted mainly to the general principles of surgery and medicine. The following topics are covered: general hospital organisation and procedures; patient evaluation; common general surgical conditions; tumour treatment; head injuries; and surgical emergencies. Particular emphasis is placed on surgical anatomy, diseases of the head

and neck, especially the oral cavity, salivary glands and the thyroid gland, congenital conditions of the head and neck and the central role of tracheotomy.

Textbooks

Burkitt, H G et al, *Essential Surgery: Problems in Diagnosis and Management*, 2nd edition, Churchill Livingstone, 1996

DENT 4018 Pharmacology and Therapeutics

2 credit points

Prof Paul Seale and others

Offered: February. Classes: 1 lecture per week. Assessment: One 2 hour exam.

This unit of study, consisting of 13 lectures and 2 problem-solving sessions, is a continuation of the Third Year unit of study in Pharmacology. Its aim is to provide a general understanding of drug use in medicine, and a more detailed understanding of drug use in dentistry. Also discussed is prescription writing. The unit of study is arranged as follows: antidiabetic drugs, cardiovascular drugs, drugs which affect the central nervous system, analgesics, and anticoagulants. Drug interactions are also discussed. The problem-solving sessions will cover drugs used in emergencies and cardiovascular disorders.

Textbooks

Neal, M J, *Medical Pharmacology at a Glance*, 3rd edition, Blackwell Scientific Publications, 1997

Reference book

Cawson, R A et al, *Basic Pharmacology and Clinical Drug Use in Dentistry*, 6th edition, Churchill Livingstone, 1995

DENT 4016 Anaesthesia (Local and General)

2 credit points

Local Anaesthesia: Dr Debbie Cockrell and others. General

Anaesthesia: Dr George Boffa

Offered: Full Year (starts Feb). Classes: Local Anaesthesia: 12 clinics per semester. General Anaesthesia: 9 lectures. Assessment: Local Anaesthesia: one 2 hour exam in Semester 1. General Anaesthesia: one 1 hour exam.

Local Anaesthesia

The course in local anaesthesia which commenced in the Third Year is continued with further studies in Fourth Year, integrated into the Oral Surgery unit of study in Fourth Year.

General Anaesthesia

This subject is integrated into the Surgery unit of study in Fourth Year.

Principles of anaesthesia. Topics include: history of anaesthesia; pain and anxiety control; physiology of respiration; basic evaluation of surgical risk; drugs and diseases that affect anaesthesia and sedation; available techniques of pain and anxiety control - general anaesthesia, relative analgesia, intravenous sedation; and complications and emergencies.

Emphasis is given to the individual and combined roles of the dental surgeon and the specialist anaesthetist working as a team. This theoretical subject will be reinforced by the attendance of students at operating sessions under general anaesthesia at the Westmead Hospital Dental Clinical School in the Fifth Year of the course.

Textbooks

Local Anaesthesia:

Somers, N H and Mouser, P G, *Local Anaesthesia, Discipline manual*, 1997

Reference books

Local Anaesthesia:

Roberts, D H and Sowray, J H, *Local Analgesia in Dentistry*, Wright, 1987

General Anaesthesia:

Ostlere, G S, *Anaesthetics for Medical Students*, Churchill Livingstone, 1989

DENT 4017 Oral Diagnosis and Radiology

2 credit points

Dr Malcolm Coombs and others

Offered: Full Year (starts Feb). Classes: Three 3 hour tutorials and five 2.5 hour clinics in Semester 1; one 3 hour tutorial and five 2.5 hour clinics in Semester 2. Assessment: One 2 hour exam in Semester 2, one 1 hour practical exam in Semester 2, assignment, continuous clinical.

The units of study are continuations of the Third Year units of study, to extend and develop treatment planning, radiographic skills and interpretation. Each student is required to present an assigned topic which will contribute to the final unit of study assessment. Practical experience is gained in radiographic technique, film processing and interpretation. Minimum requirements are set for satisfactory completion of the unit of study.

Textbooks

Bricker, S L et al, *Oral Diagnosis, Oral Medicine and Treatment Planning*, Lea & Febiger, 1994

Goaz, P W and White, S C, *Oral Radiology Principles and Interpretation*, Mosby, 1994

DENT 4009 Periodontics

5 credit points

Dr John Highfield

Offered: Full Year (starts Feb). Classes: 1 lecture and 3 clinics per week, 9 seminars. Assessment: One 2 hour exam in Semester 2, practical exams, one case presentation with viva voce examination in Semester 2, one written case report and one 1500 word essay in Semester 1, continuous clinical assessment.

This unit of study is designed to follow on from and consolidate teaching in periodontics commenced in the Third Year. Sufficient competencies in periodontics will be developed to allow for practice in Clinical Dentistry in the Fifth Year.

Material covered in the Third Year is revised and further topics are introduced, including: disease activity and risk factors; the physiopathology of periodontal disease; cementum and its role in periodontal disease; the role of non-surgical and surgical treatment; access surgery; osseous surgery; new attachment procedures; treatment of furcation lesions; treatment of mucogingival problems; periodontitis in children and adolescents; gingival enlargements; occlusal trauma; systemic influences on gingivitis and periodontitis; antimicrobials; periodontal/restorative and periodontal/endodontal inter-relationships. The central role of periodontal treatment in clinical dentistry will be stressed and the need for integrated treatment planning emphasised.

Textbooks

Lindhe, J et al, *Clinical Periodontology and Implant Dentistry*, 3rd edition, Munksgaard, 1997

Reference book

Genco, R J, *Contemporary Periodontics*, Mosby, 1990

DENT 4007 Orthodontics

3 credit points

Prof Ali Darendeliler

Offered: Full Year (starts Feb). Classes: 15 lectures, 20 tutorials/practicals and 22 clinics. Assessment: One 1.5 hour exam in Semester 2, six case histories, two treated cases, one poster, class work.

Malposition and malocclusion of teeth. Skeletal dental and functional analyses of occlusal development. Biomechanics of malocclusion and orthodontic correction. Orthodontic systems. Orthodontic strategies and oral health care.

Students will participate in demonstrations, with technical exercises.

Reference book

Mitchell, L, *An Introduction to Orthodontics*, Oxford University Press, 1996

Fifth Year

Fifth Year studies are carried out at the Dental Clinical School at Westmead Hospital. The units of study are supervised by the Board of Studies in Fifth Year.

DENT 5004 Oral Surgery

12 credit points

Clin AProf Geoff McKellar and others

Offered: Full Year (starts Feb). Classes: 1 lecture per week, 11 tutorials and 54 clinics in Semester 1; 8 tutorials and 51 clinics in Semester 2. Assessment: One 3 hour exam in mid-semester break in Semester 1, one viva voce exam in Semester 2.

The main thrust of the Fifth Year unit of study is to provide a firm grounding in the basic skills of oral surgery, thus enabling students to develop understanding and proficiency in minor oral

surgery at general dental practitioner level, and to bridge the gap between dentist and specialist oral surgeon.

A formal lecture program is presented during first semester, addressing advanced assessment using up-to-date techniques of diagnosis, and providing an in-depth knowledge of pre- and post-operative management procedures. Theoretical and practical teaching is also given in the use of relative analgesia to general practitioner level.

Recommended reading

- Banks, P, Killey's Fractures of the Mandible, Wright, 1991
 Banks, P, Killey's Fractures of the Middle Third of the Facial Skeleton, Wright, 1987
 Cawson, R A, Essentials of Dental Surgery and Pathology, 5th edition, Churchill Livingstone, 1991
 Davidson, S, The Principles and Practice of Medicine, 16th edition, Churchill Livingstone, 1991
 Howe, G L, Everyday Oral Medicine, Wright, 1991
 Killey, H C, An Outline of Oral Surgery Part 2, Wright, 1989
 Lynch, M A, Burket's Oral Medicine Diagnosis and Treatment, Lippincott, 1984
 MacGovern, D A et al, Killey and Kay's The Maxillary Sinus and its Dental Implications, Wright, 1991
 Scully, C and Cawson, R A, Medical Problems in Dentistry, 4th edition, Wright, 1998
 Seward, G R et al, Outline of Oral Surgery Part 1, 2nd edition, Wright, 1992
 MIMS Annual 1996, IMS Publishing

DENT 5001 Clinical Dentistry

33 credit points

A/Prof Cyril Thomas and Fifth Year Management Committee
Offered: Full Year (starts Feb). **Classes:** 65 lectures, 19 tutorials, 3 seminars and 138 clinics. **Assessment:** One 1 hour test in Semester 1, one assignment due in Semester 2, one 1 hour slide assessment in Semester 2, one Objectively Structured Clinical Examination in Semester 2, one 3 hour exam in Semester 2, one viva voce exam in Semester 2 if required, continuous clinical assessment.

The unit of study in Clinical Dentistry incorporates endodontics, fixed prosthodontics, gerodontics, occlusion, orthodontics, paediatric dentistry, periodontics, removable prosthodontics, tooth conservation and community dentistry. An individual or group research project will be undertaken.

The basis of this unit of study is to gain clinical experience through provision of integrated multidisciplinary patient care at Westmead Centre for Oral Health, as well as clinical attachments and rotations at the United Dental Hospital and other clinical institutions. Clinical options comprise rural or international attachments during semester breaks.

Each student is comprehensively assessed as to competence to practise a wide range of procedures in general dentistry and each student must demonstrate a careful, studied and ethical approach to the practice of clinical dentistry.

Recommended reading

- Ailing, C C et al, Impacted Teeth, Saunders, 1993
 Boucher, C O et al, Prosthodontic Treatment for Edentulous Patients, 10th edition, Mosby, 1990
 Cameron, A and Widmer, R P, A Handbook of Paediatric Dentistry, Mosby, 1997
 Drummond, J R et al, Colour Atlas and Text of Dental Care of the Elderly, Mosby, 1995
 Gutmann, J L et al, Problem-solving in Endodontics, 2nd edition, Mosby, 1992
 Jacobson, P H, Conservative Dentistry: An Integrated Approach, Churchill Livingstone, 1990
 Juniper, R and Parkins, B J, Emergencies in Dental Practice: Diagnosis and Management, Butterworths, 1992
 Klineberg, I J, Occlusion: Assessment and Diagnosis, Wright, 1991
 Klineberg, I J, Craniomandibular Disorders and Orofacial Pain: Diagnosis and Management, Wright, 1991
 Lechner, S K and Thomas, C J, A Clinical Manual for Complete Dentures, 2nd edition, University of Sydney, 1993
 Mitchell, D A and Mitchell, L, Oxford Handbook of Clinical Dentistry, 2nd edition, Oxford University Press, 1995
 Mount, G J and Dunitz, M, An Atlas of Glass-Ionomer Cements: A Clinician's Guide, 1994

- Phillips, R W, Skinner's Science of Dental Materials, 9th edition, Saunders College Publishing, 1991
 Rosenstiel, S F et al, Contemporary Fixed Prosthodontics, 2nd edition, Mosby, 1995
 Woods, R, A Guide to the Use of Drugs in Dentistry, 12th edition, Australian Dental Association, 1996
 Practical Guides for Successful Dentistry, 5th edition, Australian Dental Association, 1996

DENT 5002 Electives

1 credit point

Board of Studies for Fifth Year and staff

An elective unit of study embodying further study in one of the units of study listed under resolutions of the Senate, Bachelor of Dental Surgery, sections 4, 5, or 6, may be undertaken.

DENT 5003 Ethics and Professional Responsibility

1 credit point

Adjunct A/Prof John Dale

Offered: February. **Classes:** 10 lectures. **Assessment:** One 2 hour exam.

The unit of study is based primarily on those legal principles and statutes which relate to dentistry. The lectures are used to explain the Australian legal system and legal principles of relevant tort law (ie, negligence and assault), contract and criminal law and their application to dental practice. The Dentists Act and Regulations, the function of the Dental Board, disciplinary powers and advertising regulations are covered. Other acts impinging on dental practice such as industrial relations, consumer legislation, radioactive substances, and poisons are considered.

Textbooks

(Essential reference materials)

Dentists Act and Regulations, NSW Government, 1989

Record of Decisions, Dental Board of NSW

DENT 5005 Systemic Pathology

1 credit point

Dr John Gibbins

Offered: February. **Classes:** 1 lecture per week. **Assessment:** One 3 hour exam.

The second component of a two-semester course of study in pathology is taught at the Dental Clinical School at Westmead Hospital. One lecture per week covers relevant aspects of the pathology of the respiratory, cardiovascular, neuromuscular, skeletal, and hemopoietic systems.

Textbooks

Cotran, R S et al, Pathological Basis of Disease, 5th edition, Saunders, 1994

Other Faculty information

This chapter contains information specific to the Faculty of Dentistry and some general information. For further details about the University - its organisation, examinations, assistance for students with disabilities, child care facilities, housing, health, counselling, financial assistance, careers advice and a range of other matters - see the separate publication *University of Sydney Diary*, available free from the Student Centre or from University of Sydney Union outlets.

Infectious diseases

As a student in the Faculty of Dentistry you are required to complete clinical training in the NSW hospital system. During that clinical training, you will be required to perform exposure-prone procedures. Students who are HIV positive, HBV e-antigen positive, HBV DNA positive or Hepatitis C PCR test positive, will not be able to complete the course requirements for the Bachelor of Dental Surgery degree, because NSW Health Department Guidelines prevent them from performing exposure-prone procedures.

Transfer to other faculties is available to Faculty of Dentistry students with HIV, HBV or Hepatitis C in accordance with the University's transfer guidelines.

Information, advice and counselling for students with HIV, HBV or Hepatitis C are available from the Faculty of Dentistry's infectious diseases adviser, Professor Murray Walker, tel. 9845 7892, the University's Disability and Welfare Services Unit, the Student Counselling Service, the Student Health Service, the Students' Representative Council, and the NSW Health Department Advisory Panel for health care workers with HIV or HBV.

The NSW Health Department policy requires all students in the Faculty of Dentistry to know their HIV, HBV and Hepatitis C status. The Faculty of Dentistry recommends that all students undertake confidential testing and, if appropriate, counselling.

Orientation and enrolment

First Year timetable

The First Year timetable will be available during the orientation period.

Registration in First Year

At the time of enrolment students are assigned to a First Year section and are allocated a particular timetable of First Year units of study. All are required to complete Faculty registration upon enrolment.

You must attend lectures and practical classes only at the times and locations indicated for your section.

Transfers between faculties

Students who enrol in one degree course and pass the units of study prescribed for another degree course have not the right to transfer to that other degree course, but may be admitted by the Faculty or Board of Studies concerned on merit to the extent that facilities are available. It should be noted that the opportunities for transferring from other Faculties into the Faculty of Dentistry are limited, and competition for entry on that basis is keen.

If you wish to apply for enrolment in the Faculty of Dentistry with credit for courses or units of study completed at the University of Sydney or at another institution you must apply both through the Universities Admissions Centre and the Faculty in accordance with the procedure outlined in the Bachelor of Dental Surgery Selection Procedure Information Booklet, available free from the Faculty Office.

Confirmation of enrolment

All the information provided when you enrol is added to the University's computerised student record system. This includes your degree, academic year and the units of study you are taking. It is important that this information be recorded correctly at the beginning of the year, and amended should a change occur in any of the details during the year. You should be aware that every unit of study enrolment has a financial implication through the Higher Education Contribution Scheme (HECS).

To enable you to see what enrolment data has been recorded, you will be sent a 'confirmation of enrolment' notice shortly after completion of enrolment. You should check this carefully. If the information is correct you should keep the notice as a record of your current enrolment. Should the notice be incorrect in any detail, you should apply at the Student Centre immediately to have your record amended. A new confirmation will then be prepared and sent to you. You will also receive, about two months after the beginning of each semester, a statement showing your HECS assessment for that semester. If there appears to be an error in this assessment, you should follow the directions for correction of the assessment which are included on the statement.

If you wish to:

- change a unit of study in which you are enrolled
- discontinue a unit of study
- discontinue enrolment totally

you should apply at the Student Centre for the appropriate form and then at your Faculty office to obtain approval. Your record at the University will not be correct unless you do this. *It is not sufficient for instance to tell the lecturer, or even the Departmental office that you discontinued a unit of study.* Unless an enrolment change is approved formally at your Faculty Office it will not be officially recorded and in some cases will incur a financial liability under HECS.

Regulations

Discontinuation of enrolment and re-enrolment after discontinuation - undergraduate

All faculties, colleges and boards of studies

1. A candidate for a degree of bachelor who ceases attendance at classes must apply to the Faculty, College Board or Board of Studies concerned and will be presumed to have discontinued enrolment from the date of application, unless evidence is produced (i) that the discontinuation occurred at an earlier date and (ii) that there was good reason why the application could not be made at the earlier time.
2. A candidate for a degree of bachelor who at any time during the first year of attendance discontinues enrolment in all units of study shall not be entitled to re-enrol for that degree unless the Faculty, College Board or Board of Studies concerned has granted prior permission to re-enrol or the person is re-selected for admission to candidature for that degree.
3. Subject to provisos (i) and (ii) of section 1, no candidate for a degree of bachelor may discontinue enrolment in a unit of study or year after the end of lectures in that unit of study or year.

4. The Dean, Pro-Dean or a SmVDean of a Faculty, Director or Deputy Director of a College or the Chairperson of a Board of Studies, may act on behalf of that Faculty, College Board or Board of Studies in the administration of these resolutions unless the Faculty, College Board or Board of Studies concerned decides otherwise.

Withdrawal from Full-Year and First Semester units of study

5. A candidate for a degree of bachelor who discontinues enrolment in a full-year or First Semester unit of study on or before 30 March in that year shall be recorded as having withdrawn from mat unit of study.

Withdrawal from Second Semester units of study

6. A candidate for a degree of bachelor who discontinues enrolment in a Second Semester unit of study on or before 30 August in that year shall be recorded as having withdrawn from that unit of study.

All faculties, colleges and boards of studies except the Faculty of Engineering

Discontinuation

7. (1) A discontinuation of enrolment in a unit of study shall be recorded as 'Discontinued with Permission' when the discontinuation occurs after the relevant withdrawal period and
- (a) on or before the Friday of the first week of Second Semester for a full-year unit of study, or
 - (b) up to the last day of the seventh week of teaching in a one-semester unit of study.
- (2) A discontinuation of enrolment in a unit of study shall be recorded as 'Discontinued' when the discontinuation occurs
- (a) after the Friday of the first week of Second Semester for a full-year unit of study, or
 - (b) after the last day of the seventh week of teaching in a one-semester unit of study.
- (3) Notwithstanding paragraph (2) the Dean, Pro-Dean or Sub-Dean of the Faculty, Director or Deputy Director of the College or Chairperson of the Board of Studies concerned may determine that a discontinuation of enrolment should be recorded as 'Discontinued with Permission' on me grounds of serious ill-health or misadventure.

Instruments

Students are required to provide certain instruments for their own use in practical and clinical dentistry. The cost of these instruments (which exceeds \$3000 for the whole course) can be ascertained from the Faculty Office or from any of the dental supply companies.

Examinations

Periods

There are three formal examination periods.

Period	Held	Approx. duration
March semester	June	2-3 weeks
July semester	November	3-4 weeks
Supplementary	December/January	2 weeks

In addition individual disciplines may examine at other times and by various methods of assessment, such as essays, assignments, viva voce, practical work, etc. Some Disciplines do not examine during the first semester.

Notification of examination results

The results of annual examinations are posted through the mail service directly to you at the end of the year. As a back-up, the results are also displayed on noticeboards outside the Student Centre.

Disclosure of examination marks

Final marks will appear on your annual result notice. Marks may also be obtained from your Faculty for the major components of assessment which make up the final marks. You are entitled to information about any details of the assessment procedures used to determine the final result.

Your examination scripts and any other assessment material may be retrieved for a short period after the completion of

assessment in each unit of study. This does not apply to examination papers which involve the repeated use of the same material in successive examinations.

Examination marks (as opposed to examination grades) are treated as personal information and therefore disclosed only to the student concerned. However, information will be made available to help you gauge your comparative performance in class.

Examination grades

Each unit of study taken will be allotted one of the following grades at the annual examinations:

Grade	Per cent
High Distinction	85-100
Distinction	75-84
Credit	65-74
Pass	50-64
Fail	below 50

Supplementary examinations

The Faculty of Dentistry resolved in June 1997 that in the light of the new undergraduate selection process, greater reliance on continuous assessment and the need to streamline the examination process, the practice of offering concessional Supplementary Examinations be discontinued. This resolution took effect from the Annual Examinations in 1998.

This means that students may only be considered for the award of a Supplementary Examination to Count as Annual (XTCA), or a Postponed Annual Examination, on submission of an application for Special Consideration on the grounds of certified illness or other misadventure.

Supplementary Examination to Count as Annual (XTCA) and Postponed Annual Examination

- (i) Candidates who submit an application for Special Consideration after the Annual Examination will not normally be entitled to be awarded a Supplementary Examination to Count as Annual. Such candidates may be permitted, at the discretion of the examiner, to sit for a Postponed Annual Examination.
- (ii) A Postponed Annual Examination will normally take place within one week after the scheduled Annual Examination but before the Board of Examiners meeting.
- (iii) A Supplementary Examination to Count as Annual may be awarded only by the Board of Examiners as a result of an application for Special Consideration, normally submitted prior to the Annual Examination.
- (iv) A candidate awarded a Supplementary to Count as Annual will be permitted to sit for the examination, notwithstanding a result of Fail on the Year is recorded.

Exemptions/Credit for units of study already completed, to be counted towards the degree of Bachelor of Dental Surgery

- (1) Except with the permission of the Faculty, a candidate for the degree of Bachelor of Dental Surgery seeking credit for an equivalent unit of study completed previously or for exemption from re-enrolment in a unit of study prescribed for the degree will normally be required to have achieved a result of Credit or higher in that unit of study.
- (2) Exemptions from re-enrolment will not be granted for units of study in clinical disciplines.

Illness or misadventure

You may apply to the Faculty in writing for special consideration of your examination performance on grounds of illness or misadventure. In the case of illness a medical certificate should be provided. The minimum requirements of a medical certificate are that it:

- (a) be submitted and signed by your own medical practitioner and indicate the dates on which you sought attention;
- (b) certify unambiguously a specified illness or medical disability for a definite period;
- (c) indicate the degree of your incapacity, and express a professional opinion as to the effect of your illness on your ability to take an examination.

Certificates in connection with annual or supplementary examinations should be submitted prior to the examinations,

unless the illness or misadventure takes place during the examinations, in which case the evidence must be forwarded as soon as practicable, and in any case before the close of the examination period. There is a special form available at the Student Centre and at the University Health Service for submission with medical certificates.

For consideration on the grounds of misadventure, your application must include a full statement of circumstances and any available supporting evidence.

Should you find it embarrassing to state your difficulties in writing you should arrange an interview with the Dean of the Faculty. Such a request might be made in the form of a note addressed to the Dean.

The need to seek early advice

Many students in need of advice fail to make full use of the assistance available to them. If you believe that your performance during a unit of study, or your preparation for your examinations, has been adversely affected by medical, psychological or family circumstances, you should seek advice as early as possible. Members of the teaching staff, of the University Counselling Service, and of the University Health Service, are all available for consultation and can give advice on appropriate action to take.

Exclusion

Restriction upon re-enrolment

There are certain circumstances in which you could be asked to show good cause why you should be permitted to repeat any previously attempted study. Liability for exclusion from re-enrolment is determined by academic attainment during the immediate past one or two academic years (depending upon the Faculty, College or Board of Studies concerned). The resolutions of the Senate restricting re-enrolment may be found in the University's *Calendar Vol 1: Statutes and Regulations 1998*. If you are in any doubt about your liability for exclusion following academic failure or discontinuation of courses you should ask advice of the Exclusions Office.

It is not possible to define in advance all the reasons that constitute 'good cause' but serious ill health, or misadventure properly attested, will be considered. In addition your general record, for example in other courses or units of study, would be taken into account.

In particular if you were transferring from another faculty your record in your previous faculty would be considered. Not usually acceptable as good cause are such matters as demands of employers, pressure of employment, time devoted to non-university activities and so on, except as they may be relevant to any serious ill health or misadventure.

Extract from Resolutions of the Senate relating to Restriction upon Re-enrolment Faculty of Dentistry

13. The Senate authorises the Faculty of Dentistry to require a student to show good cause why he or she should be allowed to re-enrol in the Faculty of Dentistry when he or she has failed the Second Year or any higher year in the Faculty, if he or she has already taken more than one year of enrolment to complete the requirements of the preceding year.

Subject to the Senate resolutions on restriction upon re-enrolment, the Faculty may require a student to show good cause why he or she should be allowed to re-enrol in the Faculty of Dentistry First Year units of study.

Libraries

Dentistry Library

The Fairfax Reading Library (ie, the Dentistry Library) is a branch in the University of Sydney Library system and is housed in the Faculty Building (Level 2) adjacent to the United Dental Hospital.

Electronic resources and services of the University Library are accessible both from within the Library and over the Internet (www.library.usyd.edu.au). These include online

catalogue, the self-service options of the University Library's computer system and access to databases, including Medline. Further information resources may be located via the Library home page on the Internet. Collection resources covering various disciplines within Dentistry and associated fields are housed in the Dentistry Library. The collections consist of various formats (print, CD-ROM, audiovisual).

Staff and students of the University of Sydney are eligible to borrow books from the Dentistry Library and any of the University Libraries. Documents such as periodical articles which are not held in the University Library will be obtained for University staff and higher degree students after completion of a copyright User Agreement Form. A service desk is staffed whenever the Library is open. The Dentistry Library currently has 15 staff including a professional librarian.

Contact

Dr Diana Kingston (Dentistry Librarian)

Phone: (02) 9351 8331

Fax: (02) 9212 5149

<http://www.library.usyd.edu.au/Services/Libraries/Dentistry/index.html>

Library hours

During semester: 9 am to 7 pm Monday and Wednesday,

9 am to 5 pm Tuesday, Thursday and Friday.

During vacations: 9 am to 5 pm Monday to Friday.

Other libraries

Other libraries in the University relevant to Dentistry are the Fisher, Badham, Burkitt-Ford, Engineering, Medical and Pharmacy Libraries.

Dentistry staff and students may also use the Westmead Hospital Library (conditions may apply).

Faculty societies

Sydney University Dental Undergraduates' Association

The SUDUA, which was functioning in the 1930s and perhaps earlier, comprises all undergraduates enrolled in the Faculty of Dentistry. All members on graduation become honorary life members.

The Association is a registered society within the University Union. With assistance from the Union, the SUDUA has provided facilities at the United Dental Hospital campus and the Westmead Centre for Oral Health campus, such as common rooms, pool tables, photocopiers and computers. In addition to this, the SUDUA plays a pivotal role in organising and running various activities to meet the educational and social needs of its members.

Committee members are elected each year and monthly meetings are held to discuss important academic and social matters. The SUDUA also facilitates staff-student liaison and arranges inter-faculty activities. *The Articulator*, the journal of the Association, is published annually.

Dental Alumni Society of the University of Sydney

Founded in 1943, the Dental Alumni Society is a postgraduate society. Some of the more important aims of the Society are to maintain and foster the association of dental graduates with the University, to promote cultural activities, to extend cordial relationships between graduates and undergraduates of the Faculty of Dentistry, and to take an interest in any matter within the University that will be of benefit to the Faculty of Dentistry.

Graduates of the Faculty of Dentistry are automatically General Members of the Society and become Financial Members on payment of a small annual subscription.

Dental Alumni Society Museum

This museum within the Faculty of Dentistry is an historical museum consisting of early dental instruments and equipment of a small nature. At present the collection is being catalogued and it is hoped that in the future it will be enlarged to display

these objects with photographs and documents describing dental science and practice of the past.

Gifts of an historical dental nature are most welcome and will be acknowledged.

Committee for Continuing Education in Dentistry

Chair: Director Continuing Education

The Continuing Education in Dentistry Unit has the following objectives:

1. To provide courses of continuing education in all fields of dentistry for dental graduates. Over 600 courses have been conducted, and 2000 is the Continuing Education Unit's 53rd year of operation. The courses range from short courses of half-day duration to longer courses conducted over a number of days, either grouped together or spread over a number of weeks/months/years. There may be 'hands-on' or lecture programs, including courses of a specialised nature or general update courses for the general practitioner.
2. To provide assistance to the Faculty of Dentistry by way of a half-time lectureship, updating programs for Faculty staff and students and assistance in minor equipment needs.
3. To provide funds for research.

The courses, which do not lead to degrees (but may be included as part of the requirements leading to diplomas), are primarily open to all registered dentists. Attendance certificates are given to participants of courses. In addition, medical practitioners and other groups interested or involved in general fields of dentistry may also attend. Members of the dental profession in New South Wales and the Australian Capital Territory are regularly circularised and the program is also sent to other Australian states and to New Zealand. Special courses are also advertised overseas.

The Committee also invites overseas clinicians and lecturers to present courses, and operates in conjunction with the programs of the Australian Dental Association at both the state and federal levels.

Enquiries about the Committee's program can be addressed to the Secretary, Committee for Continuing Education in Dentistry, Faculty of Dentistry, 2 Chalmers Street, Surry Hills, NSW 2010.

Traineeships, scholarships and prizes

Traineeships

Traineeships are available in dentistry that afford financial assistance to students during the latter parts of the course. In each case fees and a living allowance are paid and some assistance is given with books.

Traineeships are available via the Defence Recruiting Office through the following:

- Royal Australian Navy
- Australian Military Forces
- Royal Australian Air Force

from whom further particulars may be obtained.

Undergraduate scholarships and prizes

Financial assistance

Information about sources of financial assistance available to students may be obtained from Student Services (Financial Assistance Office).

Dental Board of New South Wales

The Dental Board of New South Wales is empowered under Section 18 of the Dentists Act 1934-1964 to appropriate moneys from the Dental Board Education and Research Account for or towards dental education and research.

The Board is prepared to give consideration to the granting of financial assistance to students in the Faculty of Dentistry in

the form of loans. The individual applicant is required to show the Board that he or she is of good character, is unable to find financial accommodation elsewhere, and is otherwise in necessitous circumstances. Surety for the amount of the application should also be arranged.

Funds are limited and loans must therefore be restricted accordingly.

Successful applicants are required to execute agreements in due course. Application forms are available from the Registrar of the Board, 28-36 Foveaux Street, Surry Hills NSW 2010.

Prizes for academic merit

The Faculty of Dentistry awards a large number of prizes awarded automatically on the basis of academic merit. These are listed in the University *Calendar*.

Awards and honours

High distinction, distinction and credit are awarded to students who, at the annual examinations, attain a certain percentage in individual subjects.

Honours are awarded in the Bachelor of Dental Surgery on the basis of an Honours Weighted Average Mark (WAM). The Honours WAM is calculated using the normal WAM based on hours in each unit of study, but using the following additional weightings and scalings:

Year	Weighting
First Year	15%
Second Year	15%
Third Year	20%
Fourth Year	25%
Fifth Year	25%

Scalings

In recognition of the conservative levels of grades awarded in the Bachelor of Dental Surgery relative to degrees in other faculties, the Faculty applies a further scaling in addition to the year weightings. This scaling has the aim of ensuring that the top Honours graduate achieves an Honours WAM of 90 or more.

Honours are awarded in accordance with the following Honours WAM scores.

WAM	Award
95-100	Honours I, University Medal
85-100	Honours I
80-84	Honours II, Division 1
75-79	Honours II, Division 2

University Medal

The University Medal is awarded on graduation to a student who has merited first class honours and who has been shown to be the most distinguished candidate for the degree.

General University information

See also the Glossary for administrative information relating to particular terms.

Admissions Office

Student Centre
Ground Floor, Carlaw Building, F07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 4117 or (02) 9351 4118
Fax: (02) 9351 4869
Email: admissions@records.usyd.edu.au

The Admissions Office is responsible for overseeing the distribution of offers of admission and can advise prospective local undergraduate students regarding admission requirements. Postgraduate students should contact the appropriate faculty. If you are an Australian citizen or a permanent resident but have qualifications from a non-Australian institution, phone (02) 9351 3611 for more information. For enquiries regarding Special Admissions (including Mature-Age Entry), phone (02) 9351 3615. Applicants without Australian citizenship or permanent residency should contact the International Office.

Applying for a course

Prospective (intending) students must lodge an application form with the Universities Admissions Centre (UAC) by the last working day of September of the year before enrolment. Note that some faculties, such as Dentistry and Sydney College of the Arts, have additional application procedures.

Assessment

For matters regarding assessment, refer to the relevant Department.

Careers information

Courses and Careers Unit
Ground Floor, Mackie Building, K01
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 3481
Fax: (02) 9351 5134
Email: info@careers.usyd.edu.au
<http://www.careers.usyd.edu.au>

Provides careers information and advice, and help in finding course-related employment both while you're studying and when you commence your career.

Continuing Education

Centre for Continuing Education
Mackie Building, K01
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 2585
Fax: (02) 9351 5022
Email: info@cce.usyd.edu.au
<http://www.usyd.edu.au/cce>

Bridging courses; Study skills courses; essay writing courses.

Co-op Bookshop

Sydney University Sports and Aquatic Centre, G09
The University of Sydney .
NSW 2006 Australia
Phone: (02) 9351 3705 or (02) 9351 2807
Fax: (02) 9660 5256
Email: sydu@mail.coop-bookshop.com.au
<http://www.coop-bookshop.com.au>
Sells textbooks, reference books, general books and software.
Special order services available.

Enrolment and pre-enrolment

Students entering first year

Details of the enrolment procedures will be sent with the UAC Offer of Enrolment. Enrolment takes place at a specific time and date, depending on your surname and the Faculty in which you are enrolling, but is usually within the last week of January. You must attend the University in person or else nominate, in writing, somebody to act on your behalf. On the enrolment day, you pay the compulsory fees for joining the Student Union, the Students' Representative Council and sporting bodies. You also choose your first-year units of study, so it's important to consult the Handbook before enrolling.

All other students

A pre-enrolment package is sent to all enrolled students in late September, and contains instructions on the procedure for pre-enrolment.

Examinations

Examinations and Exclusions Office
Student Centre
Level 1, Carlaw Building, F07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 4005 or (02) 9351 4006
Fax: (02) 9351 7330
Email: exams.office@exams.usyd.edu.au
The Examinations and Exclusions Office looks after exam papers, timetables and exclusions.

Fees

Fees Office
Margaret Telfer Building, K07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 5222
Fax: (02) 9351 4202
For information on how to pay, where to pay, and if payments have been received.

Graduations

Student Centre
Ground Floor, Carlaw Building, F07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 3199, (02) 9351 4009
Protocol (02) 9351 4612
Fax: (02) 9351 5072
Email: k.fizzell@records.usyd.edu.au

(Grievances) Appeals

Many decisions about academic and non-academic matters are made each year and you may consider that a particular decision affecting your candidature for a degree or other activities at the University may not have taken into account all the relevant matters. In some cases the by-laws or resolutions of the Senate (see Calendar Volume 1) specifically provide for a right of appeal against particular decisions; for example, there is provision for appeal against academic decisions, disciplinary decisions and exclusion after failure.

A document outlining the current procedures for appeals against academic decisions is available at the Student Centre,

General University information

at the SRC, and on the University's web site at <http://www.usyd.edu.au/su/planning/policy/index.htm>.

If you wish to seek assistance or advice regarding an appeal, contact: SRC, Level 1, Wentworth Building, G01, The University of Sydney, NSW 2006. Phone +61 2 9660 5222. Parking appeals should be addressed to the Manager, Campus Services.

Health Services

Provides full general practitioner services and emergency medical care to the University community.

Email: Director@unihealth.usyd.edu.au
<http://www.unihealth.usyd.edu.au/>

University Health Centre (Wentworth)

Level 3, Wentworth Building, G01
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 3484
Fax: (02) 9351 4110

University Health Centre (Holme)

Ground Floor, Holme Building, A09
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 4095
Fax: (02) 9351 4338

HECS

Student Centre
Ground Floor, Carslaw Building, F07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 2086, (02) 9351 5659, (02) 9351 5062
Fax: (02) 9351 5081

International Student Centre

International Office

Level 2, Margaret Telfer Building, K07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 4161, (02) 9351 4079
Fax: (02) 9351 4013

Email: info@io.usyd.edu.au, reception@io.usyd.edu.au
http://www.usyd.edu.au/homepage/exterel/international_student_centre.html

Provides assistance with application, admission and enrolment procedures for international students.

International Student Services Unit

Level 2, Margaret Telfer Building
The University of Sydney, K07
NSW 2006 Australia
Phone: (02) 9351 4749
Fax: (02) 9351 4013

Email: info@issu.usyd.edu.au
<http://www.usyd.edu.au/su/issu/>

Provides an advisory and counselling service to international students.

Koori Centre

Ground Floor, A22 Old Teachers' College
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 2046 General Enquiries
(02) 9351 7003 Liaison Officer
(02) 9351 7073 Student Counsellor
Fax: (02) 9351 6923

Email: adminoff@koori.usyd.edu.au
<http://www.koori.usyd.edu.au/>

Tutorial assistance: access to computers, Indigenous counsellor, Aboriginal Studies library study rooms, Orientation program at the beginning of the year, and assistance in study and learning skills. Education Unit: courses in Educations for ATSI students. Indigenous Studies Unit:

aims to increase the awareness of Indigenous Australian issues through courses across the University.

Language Centre

Level 2, Christopher Brennan Building, A18
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 2371
Fax: (02) 9351 4724

Email: Langcent.enquiries@language.usyd.edu.au
<http://www.arts.usyd.edu.au/langcent>

Provides self-access course materials in over 100 languages; beginners and intermediate courses in Spanish language and Culture; beginners and advanced courses in Celtic languages and cultures.

Library (Dentistry)

See page 23.

Library (Fisher)

Fisher Library, F03
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 2993 Enquiries/Information Desk
(02) 9351 3711 Library Hours
(02) 9351 7273 Borrowers' Cards
(02) 9351 6692 Holds Enquiries
(02) 9351 7277 Inter-library Loans
(02) 9351 2265 Loans, overdue enquiries
Fax: (02) 9351 2890 Administration
(02) 9351 7278 Renewals
Email: fishinf@library.usyd.edu.au (gen enquiries)
loanenq@library.usyd.edu.au (loan enquiries)
reqill@library.usyd.edu.au (inter-library loans)
<http://www.library.usyd.edu.au>

In addition to Fisher Library, there are over 20 branch and departmental libraries. Branch and departmental libraries should be contacted direct.

Mathematics Learning Centre

Fourth floor, Room 455, Carslaw, F07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 4061
Fax: (02) 9351 5797

Email: MLC@mail.usyd.edu.au
<http://www.usyd.edu.au/su/mlc/>

Runs bridging courses in Mathematics at the beginning of the academic year (fees apply), and provides on-going support during the year through individual assistance and small group tutorials.

Part-time, full-time

Students are normally considered as full-time if they have a HECS weighting of at least 0.375 each semester. Anything under this amount is considered a part-time study load. Note that some faculties have minimum study load requirements for satisfactory progress.

Privacy and Freedom of Information

The NSW Freedom of Information (FOI) Act 1989 provides the public with a legally enforceable right of access to University documents, subject to particular exemptions. The Act also enables individuals to ensure that information held about them is accurate, up-to-date, and complete. The University has a number of policies permitting access by individuals to information about themselves without recourse to the Freedom of Information Act.

The University necessarily accumulates a great deal of information on individuals; within the University, access to this is restricted to staff who need the information to carry out their duties. As regards external requests for personal

information, it is current policy that the University will disclose information to a third party if the subject of the information has consented in writing to the disclosure, or if the University has a legal obligation to respond to a request, including a subpoena, and the request is in the appropriate written form.

The University's Privacy Policy is to be reviewed in the light of the recent NSW Privacy and Personal Information Protection Act. Enquiries should be directed to the: Freedom of Information Coordinator and Privacy Officer c/-Archives, Main Quadrangle, A14
Phone: (02) 9351 4263
Fax: (02) 9351 7304
Email: trobinso@mail.usyd.edu.au
<http://www.usyd.edu.au/su/foi>

Scholarships

Research and Scholarships Office
Room K4.01, Main Quadrangle, A14
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 3250
Fax: (02) 9351 3256
Email: scholars@reschols.usyd.edu.au
<http://www.usyd.edu.au/su/reschols/scholarships>

Student Centre

Ground Floor, Carslaw Building, F07
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 3023 General Enquiries
(02) 9351 4109 Academic Records
(02) 9351 3023 Discontinuation of Enrolment
(02) 9351 5057 Handbooks
(02)9351 5060 Prizes
Fax: (02) 9351 5081; (02) 9351 5350 Academic Records

Student identification cards

In 1999 the University incorporated a photograph into the student identification card. This means that all students have to provide a colour, passport-sized, head and shoulders photograph when they attend on campus sites to have their student ID card laminated. University student ID cards also function as transport concession cards for eligible students, thus eliminating the need for a separate concession card. The endorsement for concession travel will take the form of a hologram sticker attached to the front of the student ID card.

Student organisations

Students' Representative Council
Level 1, Wentworth Building, G01
The University of Sydney
NSW 2006 Australia
Phone: (02) 9660 5222
(02) 9660 4756 Secondhand Bookshop
Fax: (02) 9660 4260
Email: postmaster@src.usyd.edu.au
<http://www.sec.usyd.edu.au>
University of Sydney Union
Box 500, Holme Building, A09
The University of Sydney
NSW 2006 Australia
Phone: (02) 9563 6000 Switchboard/Enquiries
Fax: (02) 9563 6239
Email: email@usu.usyd.edu.au
<http://www.usu.usyd.edu.au/>

Main provider of catering facilities, retail services, welfare programs, and social and cultural events for the University community on the Camperdown and Darlington campuses, and at many of the University's affiliated campuses.

Sydney University Sports Union
University Sports and Aquatic Centre, G09
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 4960
Fax: (02) 9351 4962
Email: sports_union@susu.usyd.edu.au
Services, facilities and clubs for sport, recreation and fitness.

Women's Sports Association
Sports Centre, A30
The University of Sydney
NSW 2006 Australia
Phone: (02) 9660 6355, (02) 9351 2057
Fax: (02) 9660 0921
Email: secretary@suwsa.usyd.edu.au
<http://www.usyd.edu.au/su/suwsa/welcome.html>

Provides for students, predominantly women, to participate in sport and recreation through the provision of facilities, courses and personnel.

Student Services

<http://www.usyd.edu.au/su/stuserv/>
Accommodation Service
Level 7, Education Building, A35
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 3312
Fax: (02) 9351 8262
Email: accomm@stuserv.usyd.edu.au
<http://www.usyd.edu.au/su/accomm/>

Casual Employment Service
Level 4, Holme Building, A09
The University of Sydney
NSW 2006 Australia
Phone: (02) 9552 2589
Fax: (02) 9552 4713
Email: ces@stuserv.usyd.edu.au
http://www.usyd.edu.au/su/cas_emp/

Counselling Service
Level 7, Education Building, A35
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 2228
Fax: (02) 9351 7055
Email: lpoerio@mail.usyd.edu.au
www.usyd.edu.au/su/counsel/
Disability and Welfare Services
Level 7, Education Building, A35
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 4554
Fax: (02) 9351 7055
Email: cstuckin@mail.usyd.edu.au
<http://www.usyd.edu.au/su/disability/>

Financial Assistance
Level 7, Education Building, A35
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 2416
Fax: (02) 9351 7055
Email: psweet@mail.usyd.edu.au
http://www.usyd.edu.au/su/fin_assist

Learning Assistance Centre
Level 7, Education Building, A35
The University of Sydney
NSW 2006 Australia
Phone: (02) 9351 3853
Fax: (02) 9351 4865
Email: lac@stuserv.usyd.edu.au
<http://www.usyd.edu.au/su/lac/>
Holds free workshops to assist undergraduate and postgraduate students wanting to improve their academic writing and communication skills at university.

Glossary

This glossary both defines terms in common use in the University and gives some useful administrative information.

Enrolment and general terms

Academic year

The period during which teaching takes place, from March to November. The academic year is divided into two semesters.

Advanced standing

(See also: Credit) Recognition of previous experience or studies, meaning that the candidate has satisfied the entry requirements for a unit. Advanced standing does not reduce the number of credit points required to complete the degree course.

Associate Diploma

The undergraduate award granted following successful completion of Associate Diploma course requirements. An Associate Diploma course usually requires less study than a Diploma course.

Assumed knowledge

The level of knowledge expected for entry to a Unit of Study. Unlike prerequisites, levels of assumed knowledge are not compulsory for entry to a Unit. Students who do not have the assumed knowledge may, however, be at a considerable disadvantage and may consider completing a bridging course prior to enrolment. Contact the Learning Assistance Centre, Mathematics Learning Centre, Language Centre or Centre for Continuing Education for further information.

Bachelor's degree

The highest undergraduate award offered at the University of Sydney (other undergraduate awards are Associate Diploma and Diploma). A Bachelor's degree course normally requires three or four years of full-time study (or the part-time equivalent).

Campus

The grounds on which the University is situated. There are eleven campuses of the University of Sydney: Burren Street (Australian Graduate School of Management), Camperdown and Darlington ('Main campus'), Camden (Agriculture and Veterinary Science), Conservatorium (Conservatorium of Music), Cumberland (Health Sciences and Nursing), Mallett Street (Nursing), Orange Agricultural College, Rozelle (Sydney College of the Arts), St James (Law) and Surry Hills (Dentistry).

Chancellor

(See also: Vice-Chancellor) The non-resident head of the University.

Combined degree course

A program consisting of two degree courses taken together, which usually requires less time than if the courses were taken separately.

Core

(See also: Elective/Option) A Unit of Study that is compulsory for the course or subject area.

Corequisite

A Unit of Study that must be taken with a given Unit. If a corequisite is not successfully completed, it becomes a prerequisite for further study in that subject area.

Course

A complete degree or diploma program.

Credit

(See also: Advanced standing) Recognition of previous studies or studies completed at another institution. If credit is granted then the number of credit points required for completion of the degree course is reduced.

Credit point

A measure of value indicating the contribution each Unit of Study provides towards meeting course completion requirements stated as total credit point value.

Dean

The head of a faculty.

Deferment of enrolment

People who have not previously attended a recognised tertiary institution are normally able to defer commencement of their candidature for one year. Applications are handled by the Admissions Office of the University. Application for deferment must be made during the UAC enrolment week at the 'Deferment' desk in MacLaurin Hall and be accompanied by the 'offer of enrolment' card.

Degree

The award conferred following successful completion of a degree course (for example Bachelor's degree or Master's degree).

Department/School

The academic unit responsible for teaching in a given subject area.

Diploma

The award granted following successful completion of Diploma course requirements. A Diploma course usually requires less study than a degree course. Graduate Diploma courses are for graduates only.

Doctorate

(See also: PhD) The Doctorate and the PhD are the highest awards available at the University of Sydney. A Doctorate course normally involves research and coursework; the candidate submits a thesis that is an original contribution to the field of study. Entry to a Doctorate course often requires completion of a Master's degree course. Note that the Doctorate course is not available in all Departments of the University of Sydney.

Elective/Option

(See also: Core) A Unit of Study that may be taken towards, but is not compulsory for, a course or subject area.

Enrolment

The process whereby an applicant officially accepts the offer of a place in a particular course. If UAC application is successful, an 'offer of enrolment' card is mailed to the applicant, along with instructions for enrolment. In most cases, the applicant must attend the University on a particular enrolment day or, if unable to attend, must appoint somebody to enrol on his or her behalf. Units of Study (for March Semester or whole of First Year) must be nominated on enrolment day. Academic records and HECS liability calculations are based on the enrolment details, so students must ensure that the Faculty holds correct enrolment information (see also: Variation of enrolment).

Entry requirement

The level of knowledge and/or experience required for entry to a particular Unit of Study.

Faculty

The administrative unit responsible for overseeing satisfactory progress during a degree or diploma course.

Full-time

A study load usually defined in terms of HECS weighting of at least 0.375 each semester.

Intermediate

Faculty of Science: Second-year level.

Junior

First-year level.

Laboratory practical

See: Practical.

Lecture

(See also: Tutorial) A class given to a large group of students, during which the lecturer speaks or presents audiovisual material and students take notes.

Major

The subject area(s) in which a student specialises at Senior level. Students usually specialise in one (single major) or two (double major) subject areas. The major is usually recorded on the testamur.

Master's degree

A postgraduate award. Master's degree courses may be offered by coursework, research only or a combination of coursework and research. Entry to the course often requires completion of an Honours year at undergraduate level.

Mature age

A category of Special Admission applicants who are 21 years or older on 1 March of the year in which they want to study and who do not have the high school qualifications normally required for entry into a course.

Minor

Subject areas in which a student studies, but does not specialise at Senior level.

Orientation period

'O Week' takes place during the week prior to lectures in March semester. During O Week, students can join various clubs, societies and organisations, register for courses with Departments and take part in activities provided by the University of Sydney Union.

Part-time

A study load usually defined in terms of HECS weighting of less than 0.375 each semester.

PhD

(See also: Doctorate) The Doctor of Philosophy (PhD) and other Doctorate awards are the highest awards available at the University of Sydney. A PhD course is normally purely research-based; the candidate submits a thesis that is an original contribution to the field of study. Entry to a PhD course often requires completion of a Master's degree course. Note that the PhD course is available in most Departments of the University of Sydney.

Postgraduate

The term used to describe a course leading to an award such as Graduate Diploma, Master's degree or PhD, which usually requires prior completion of a relevant undergraduate degree (or diploma) course. A 'postgraduate' is a student enrolled in such a course.

Practical

Similar to a tutorial, during which experiments or other relevant applied activities are carried out.

Prerequisite

A Unit of Study that must be taken prior to entry to a given Unit.

Prohibition

A Unit of Study that cannot be taken with a given Unit.

Recommended reading

Reading material that is suggested but not compulsory for a Unit of Study.

Registrar

The head of the administrative divisions of the University.

Registration

In addition to enrolling (with the Faculty) in Units of Study, students must register with the Department responsible for teaching each Unit. This is normally done during the Orientation period (O' Week). Note that unlike enrolment, registration is not a formal record of Units attempted by the student.

Resolutions of Senate

Regulations determined by the Senate of the University of Sydney that pertain to degree and diploma course requirements and other academic matters.

School

Similar to a large Department, otherwise a grouping of Departments.

Semester

A period of 14 weeks during which teaching takes place. There are two semesters each year for most faculties. Semesters are named by the month in which they start, typically 'March' and 'July'

Senior

Second-year level or higher.
Faculty of Science: third-year level.

Special Admission

Certain categories of applicants, such as mature-age applicants, students who have experienced educational disadvantage or Aboriginal or Torres Strait Islander applicants, may apply for admission to the University under one of several Special Admission schemes. Contact the Special Admissions office for further information.

Subject area

One or more Units of Study that comprise a particular field of study (eg Japanese or Chemistry).

Textbook

Reading material that the student is expected to own.

Tutorial

(See also: Lecture) A small class consisting of a tutor and up to about 25 students, during which concepts raised in lectures are discussed in detail and may be supplemented with readings, demonstrations and presentations.

UAI

The University Admissions Index (UAI) is the numerical expression of a student's performance in the NSW Higher School Certificate (HSC), which takes into account both assessment and examination results.

UAI cut-off

The UAI of the last student admitted to a course. Some courses have a minimum UAI as an entry requirement.

Undergraduate

The term used to describe a course leading to a diploma or Bachelor's degree. An 'undergraduate' is a student enrolled in such a course.

Unit of Study

A stand-alone component of a degree or diploma course that is recordable on the academic transcript.

Universities Admissions Centre (UAC)

The organisation that processes applications for most NSW undergraduate university and TAFE courses.

Variation of enrolment

The process whereby students officially notify the Faculty of changes regarding the Units of Study they are attending. This must be done by a certain deadline in each semester, to avoid penalties such as 'discontinued' results on the academic transcript (see: Results) or unnecessary HECS charges.

Vice-Chancellor

(See also: Chancellor) The administrative head of the whole University, including academic and administrative divisions.

Costs

Bursary

A sum given to a student who has limited resources or is experiencing financial hardship, ranging from \$100 to \$1000.

Fees (full-fee undergraduate/postgraduate)

Tuition, examination or other fees payable to the University by an enrolled or enrolling student in connection with a course of study or attendance at the University and includes fees payable in respect of the granting of a degree, diploma, associate diploma or other award. It does not include annual

subscription to organisations such as the Union or SRC, or fees payable in respect of residential accommodation.

HECS

All Australian undergraduate students are currently required to contribute to the cost of tertiary education through the Higher Education Contribution Scheme (HECS), which is administered under the Higher Education Funding Act 1988. Under HECS students pay for part of the cost of their higher education and the Commonwealth pays the rest. The amount payable is determined by the units of study a student chooses to undertake in the case of coursework awards, or the attendance (full-time or part-time) in the case of research students.

Prize

Matriculation, undergraduate and postgraduate funding automatically awarded on academic results in courses, yearly examinations or on the recommendation of the Head of Department. There are also prizes for essay writing and composition by anonymous application. Prize values range from \$100 to \$6250.

Scholarship

Matriculation and undergraduate funding by application awarded on UAI results for students enrolling in the first year of a degree course. Postgraduate funding for full-time candidates enrolled in a research degree course with scholarship conditions and benefits varying according to specific awards. The intention is to encourage and support scholarship at the University in general or in targeted areas.

Assessment, Examination, Satisfactory Progress and Graduation

Academic transcript/record

The official record of results for each student (see: Results).

Appeal

The process whereby a student may raise objections regarding results, Faculty decisions or other academic matters.

Assessment

(See also: Examination) The appraisal of a student's ability throughout the semester, by various means such as essays, practical reports or presentations, which counts towards the final mark or grade.

Candidate

Someone studying for a degree or diploma. The term may also be used to describe someone sitting for an examination.

Examination

(See also: Assessment) The appraisal of a student's ability, usually at the end of semester. Most examinations take place on campus under strictly supervised conditions but some Units make use of take-home or open-book examinations.

Exclusion

A ruling by the Faculty, which declares the student ineligible for further enrolment for reasons such as lack of satisfactory progress. Students who wish to re-enrol must show good cause why they should be allowed to re-enrol (see: Show cause and Satisfactory progress).

Grievances

See Appeals.

Grade

A category into which a student's final mark falls (see: Results).

Graduand

A person who has fulfilled the requirements of a degree but is yet to graduate.

Graduate

(See also: Postgraduate) A person who has graduated. Also a term used to describe a course leading to an award such as Master's degree or PhD or a student enrolled in such as course.

Graduation

The ceremony during which degrees are conferred and diplomas awarded.

Honours degree

A Bachelor's degree for which extra work (course work and/or thesis) has been completed, usually requiring an extra year of study.

Mark

(See also: Grade) The numerical result of assessments and/or examinations for a Unit of Study, which may be converted to a grade.

Pass degree

A Bachelor's degree.

Re-enrolment

The process by which continuing students enrol in Units of Study.

Results

The official statement of the student's performance in each Unit of Study attempted, as recorded on the academic transcript, usually expressed as a grade:

High Distinction

A mark of 85% and above

Distinction

A mark of 75-84%

Credit

A mark of 65-74%

Pass

A mark of 50-64%

Pass (Concessional)

A mark of 46-49%. The student is deemed to have completed unit requirements but may not necessarily proceed to the next level.

Fail

A mark of less than 50%

Withdrawn

This is the same as if the candidate had not enrolled in the course concerned. Although the University has a record of the withdrawal, the course and result will not appear on the official academic transcript. There is no HECS liability either. In order to have a course recorded as 'withdrawn', notice must be given by the candidate to the Faculty office on or before the deadline. Refer to the section on degree regulations.

Discontinued with Permission

This does not count as an attempt at the particular course, but does appear on the candidate's academic record. A candidate may have enrolment recorded as 'discontinued with permission' where: (1) notice is given to the faculty office on or before the deadline or; (2) after the deadline, evidence is produced of serious illness or misadventure. Refer to the section on degree regulations for deadlines. Discontinuation with permission does not mean that the student's progress is considered to be satisfactory.

Discontinued

This counts as an unsuccessful attempt at the course concerned and appears on the candidate's academic record. Where notice is given after the deadline for 'discontinued with permission' but before the last day of lectures for the course, the result is 'Disc.'. Refer to the section on degree regulations for deadlines.

Absent Fail

If the candidate misses the deadline for 'discontinued' and does not sit the final exam, the result is 'absent fail'.

Satisfactory progress

A minimum standard of performance required for continuation of enrolment. Senate resolutions rule that if a student fails or discontinues a year of candidature or a Unit of Study more than once then he or she is ineligible for re-enrolment (see: Exclusion and Show cause). Note that some faculties may have alternative or additional requirements for satisfactory progress.

Show cause

The Faculty may require a student to show good cause why he or she may be allowed to continue in the degree or diploma

Glossary

course, where requirements for satisfactory progress have not been met (see: Exclusion and Satisfactory progress).

Special consideration

The process whereby enrolled students who have experienced significant educational disadvantage may have their assessment deadlines or grades revised.

Study Vacation (Stuvac)

The week prior to the examination period in each semester, during which no classes are held.

Supplementary examination

An extra or alternative examination taken by a student who has experienced significant educational disadvantage during semester or the examination period. Note that some faculties do not offer supplementary examinations (see also: Special consideration).

Suspension of candidature

A complete break in the studies of an enrolled student, usually for a period of one year. Applications are handled by the Faculty office. (Those wishing to postpone commencement of a course need to apply for deferment, see: Deferment of enrolment).

Testamur

The document given to the graduand at graduation.

Thesis

A substantial piece of written work (sometimes called a dissertation) by a student, normally a candidate for an Honours degree or a higher award (such as Master's degree or PhD).

Weighted Average Mark (WAM)

A numerical expression of a student's performance throughout his or her degree program, usually assigning more 'weight' to Senior or Honours years. Note that the WAM calculation may differ for purposes such as eligibility for various scholarships and will vary from faculty to faculty.

Index

A

Accommodation Service, 27
Anaesthesia (Local and General) DENT 4016, 18
Anatomy DENT 2001, 12
Appeals, 25

B

Biochemistry DENT 1001, 11
Biochemistry DENT 2002, 12
Biology DENT 1002, 11
Bookshop (Co-op), 25

C

careers information, 25
CHEM 1403 Chemistry, 11
Chemistry CHEM 1403, 11
Clinical Dentistry DENT 5001, 19
Counselling Service, 27

D

Dean's Office, iv
DENT 1001 Biochemistry, 11
DENT 1002 Biology, 11
DENT 1004 Dental Technology, 12
DENT 1005 Histology and Embryology, 11
DENT 1006 Oral Anatomy and Oral Health, 12
DENT 1007 Physics, 11
DENT 2001 Anatomy, 12
DENT 2002 Biochemistry, 12
DENT 2003 Histology, 13
DENT 2004 Materials Science, 13
DENT 2005 Oral Health, 13
DENT 2005 Professional Communication, 14
DENT 2006 Physiology, 13
DENT 2007 Removable Prosthodontics (Preclinical), 13
DENT 2008 Tooth Conservation, 13
DENT 3001 Endodontics, 15
DENT 3002 Fixed Prosthodontics, 15
DENT 3003 Infectious Diseases, 14
DENT 3004 Occlusion, 15
DENT 3005 Oral Biology, 15
DENT 3006 Oral Diagnosis and Radiology, 15
DENT 3007 Oral Surgery (Local Anaesthesia and Exodon, 16
DENT 3008 Orthodontics, 16
DENT 3009 Pathology, 14
DENT 3010 Periodontics, 14
DENT 3011 Pharmacology, 16
DENT 3012 Removable Prosthodontics, 14
DENT 3013 Tooth Conservation, 14
DENT 4002 Endodontics, 16
DENT 4003 Fixed Prosthodontics, 16
DENT 4005 Oral Pathology and Oral Medicine, 17
DENT 4006 Oral Surgery, 17
DENT 4007 Orthodontics, 18
DENT 4009 Periodontics, 18
DENT 4012 Removable Prosthodontics, 17
DENT 4014 Tooth Conservation, 16
DENT 4016 Anaesthesia (Local and General), 18
DENT 4017 Oral Diagnosis and Radiology, 18
DENT 4018 Pharmacology and Therapeutics, 18
DENT 4019 Preventive Dentistry, 17
DENT 4020 Surgery, 17
DENT 5001 Clinical Dentistry, 19
DENT 5002 Electives, 19
DENT 5003 Ethics and Professional Responsibility, 19
DENT 5004 Oral Surgery, 18
DENT 5005 Systemic Pathology, 19
Dental Technology DENT 1004, 12
Disability and Welfare Services, 27

E

Electives DENT 5002, 19
Employment, Casual, 27
Endodontics DENT 3001, 15
Endodontics DENT 4002, 16
Enrolment and pre-enrolment, 25
Ethics and Professional Responsibility DENT 5003, 19
Examinations and Exclusions Office, 25

F

Faculty Office, iv
Fees Office, 25
Financial Assistance, 27
Fixed Prosthodontics DENT 3002, 15
Fixed Prosthodontics DENT 4003, 16
Freedom of Information, 26

G

Graduations office, 25
Grievances, 25

H

Health Services, 26
Histology and Embryology DENT 1005, 11
Histology DENT 2003, 13

I

Infectious Diseases DENT 3003, 14
International Office, 26
International Student Services Unit, 26

K

Koori Centre, 26

L

Language Centre, 26
Learning Assistance Centre, 27
Library (Fisher), 26

M

Materials Science DENT 2004, 13
Mathematics Learning Centre, 26

O

Occlusion DENT 3004, 15
Oral Anatomy and Oral Health DENT 1006, 12
Oral Biology DENT 3005, 15
Oral Diagnosis and Radiology DENT 3006, 15
Oral Diagnosis and Radiology DENT 4017, 18
Oral Health DENT 2005, 13
Oral Pathology and Oral Medicine DENT 4005, 17
Oral Surgery (Local Anaesthesia and Exodontia) DENT, 16
Oral Surgery DENT 4006, 17
Oral Surgery DENT 5004, 18
Orthodontics DENT 3008, 16
Orthodontics DENT 4007, 18

P

Pathology DENT 3009, 14
Periodontics DENT 3010, 14
Periodontics DENT 4009, 18
Pharmacology and Therapeutics DENT 4018, 18
Pharmacology DENT 3011, 16
Physics DENT 1007, 11
Physiology DENT 2006, 13
postgraduate study, iv
Preventive Dentistry DENT 4019, 17
Privacy and Freedom of Information, 26
Professional Communication DENT 2005, 14

R

Removable Prosthodontics (Preclinical) DENT 2007, 13
Removable Prosthodontics DENT 3012, 14
Removable Prosthodontics DENT 4012, 17
Research and Scholarships Office, 27

Index

S

Scholarships Office, 27
Services, Student, 27
Sports Union, 27
Sports, Women's Association, 27
Student Centre, 27
student identification cards, 27
Students' Representative Council, 27
Surgery DENT 4020, 17
Systemic Pathology DENT 5005, 19

T

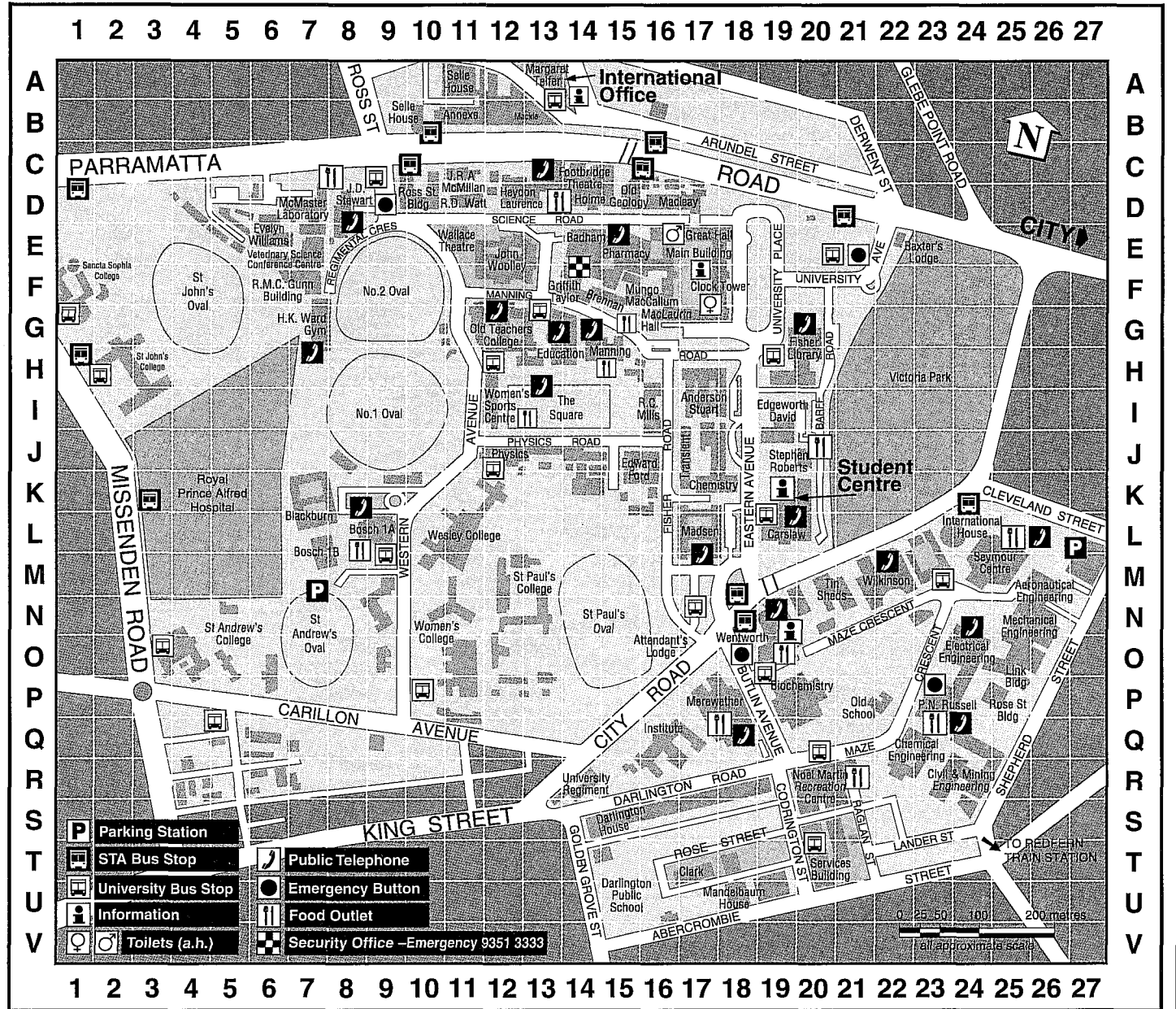
Tooth Conservation DENT 2008, 13
Tooth Conservation DENT 3013, 14
Tooth Conservation DENT 4014, 16

U

Union, University of Sydney, 27
University of Sydney Union, 27

University of Sydney Directory

- Academic & Executive Services **16E**
- Accounting **17P**
- Accommodation Service **13G**
- Administrative Policy & Strategic Planning Div'n **16E**
- Administrative Support Services Division **16E**
- Aeronautical Engineering **26M**
- Agricultural Chemistry & Soil Science **10D**
- Agricultural Economics **HD**
- Agriculture Faculty Office **11C**
- Australian Graduate School of Management **Burren St**
- Alma Street Glasshouse **23N**
- Alumni Relations **16E**
- Anaesthesia **7K**
- Anderson Stuart Bldg **17I**
- Anatomy & Histology **17I**
- Ancient History & Classics **16F**
- Animal Health **Camden**
- Animal Science **7F**
- Anthropology **16F**
- Archaeology **16F**
- Architectural & Design Science **22M**
- Architecture, Dept & Faculty Office **22M**
- Architecture, Planning & Allied Arts **22M**
- Archives **19H**
- Art History & Theory **15I**
- Art Workshop **20M**
- Arts Faculty Office **16F**
- Asset Management **13A**
- Asian Studies **14F**
- Attendant's Lodge **16O**
- Badham Bldg & Library **14E**
- Banks see Financial institutions
- Baxter's Lodge **22E**
- Behavioural & Social Sciences in Nursing **Mallett St**
- Behavioural Science **Cumberland**
- Behavioural Sciences in Medicine **7K**
- Biochemistry **20P**
- Biological Sciences **15D**
- Biomedical Science **Cumberland**
- Blackburn Bldg **7K**
- Bookshops
 - Medical **7K**
 - SRC Secondhand **19N**
 - University Co-operative **21R**
- Bosch 1A (lecture theatres) **8L**
- Bosch IB Bldg **7M**
- Brennan, C, Bldg **15F**
- Budget Office **16E**
- Business Liaison Office **12E**
- Business Services **19U**
- Campus Services **20T**
- Careers Centre **13B**
- Carlaw Bldg **19L**
- Cashiers **13A**



Central Services **20T**
 Central Records Office **16E**
 Centre for English Teaching **Mallett St**
 Centre for Teaching & Learning **19L**
 Chancellor's Committee Shop **17F**
 Chaplains' Centre **10G**
 Chemical Engineering **22Q**
 Chemistry **17K**
 Child Care
 Boundary Lane **16V**
 Carillon Avenue **9Q**
 Laurel Tree House (Glebe) **16B**
 Union (Darlington) **21S**
 Civil & Mining Engineering **24R**
 Clark Bldg **17T**
 Clinical Nursing **Mallett St**
 Clinical Ophthalmology & Eye Health **Sydney Eye Hospital**
 Clock Tower **17F**
 Clinical Trials **Mallett St**
 Communication Disorders **Cumberland**
 Community & Mental Health Nursing **Cumberland**
 Community Health **Cumberland**
 Community Medicine **15K**
 Computer Sales
 Computer Sales & Service **23U**
 Computer Shop **21R**
 Computer Science, Bassett Dept **17L**
 Continuing Education, Centre for **13B**
 Coppleson Postgraduate Medical Institute **9K**
 Copy Centre **21R**
 Counselling Service **13G**
 Crop Sciences **13F**
 Darlington House **14S**
 Dentistry Faculty Office & Dental Studies **Surry Hills**
 Development Office **16E**
 Disability Services **13G**
 Econometrics **17P**
 Economic History **17P**
 Economics, Dept & Faculty Office **17P**
 Edgeworth David Bldg **19J**
 Education Bldg & Faculty Office **13G**
 Educational Development & Evaluation **15K**
 Educational Psychology, Literacies & Learning **13G**
 Edward Ford Bldg **15K**
 Electrical Engineering **24O**
 Employment Service, Casual **14C**
 Engineering Faculty Office **25O**
 English **12E**
 Equal Employment Opportunity Unit **13A**
 Evelyn Williams Bldg **6E**
 Experimental Medicine **7K**
 External Relations Division **16E**
 Facilities Planning, Office of **20T**
 Family & Community Health in Nursing **Mallett St**
 Financial institutions
 Commonwealth Bank **14D**

Credit Union **14D**
 National Australia Bank **15E, 19N**
 Finance, Dept of **16Q**
 Financial Management & Reporting **13A**
 Financial Services Division **13A**
 Financial Systems Development **13A**
 Fine Arts (Art History & Theory) **151**
 Fisher Library **19G**
 Footbridge Theatre **14C**
 French Studies **15F**
 Garage, University **21T**
 Gender Studies **16G**
 General Practice **Westmead Hospital**
 Geography **16Q**
 Geology & Geophysics **19J**
 Germanic Studies **15F**
 Government & Public Administration **17P**
 Great Hall **18E**
 Greek, Modern **14F**
 Griffith Taylor Bldg **14F**
 Gunn, R. M. C., Bldg **7F**
 Health Information Management **Cumberland**
 Health Sciences Faculty Office **Cumberland**
 Health Service (Holme, Wentworth Bldg) **14C, 19N**
 History **15G**
 History & Philosophy of Science **19L**
 Holme Bldg **14D**
 Industrial Relations, Dept of **16Q**
 Infectious Diseases **7K**
 Information Technology Services **19U**
 Institute Bldg **16Q**
 International Office, International Student Services **13A**
 International House **23L**
 International Preparation Program **13B**
 Italian **151**
 Jurisprudence **St James**
 Koori Centre **12G**
 Law Dept & Faculty Office **St James**
 Learning Assistance Centre **13G**
 Life Sciences in Nursing **Mallett St**
 Linguistics **16J**
 Link Bldg **25O**
 Lost Property **14F**
 Mackie Bldg **13B**
 MacLaurin Hall **16G**
 Macleay Bldg & Museum **16D**
 Madsen Bldg **17L**
 Mail Room (Internal) **20T**
 Main Bldg **17F**
 Management Studies **Burren St**
 Mandelbaum House **18U**
 Manning House **14H**
 Margaret Telfer Bldg **13A**
 Marketing, Dept of **16Q**
 Marketing & Publications **16E**
 Mathematics & Statistics **19L**
 McMaster Bldg **7D**

McMillan, J. R. A., Bldg **11C**
 Mechanical & Aeronautical Engineering Bldg **25N**
 Mechanical Engineering **25N**
 Media Office **16E**
 Medical Radiation Technology **Cumberland**
 Medicine, Dept of **7K**
 Medicine, Faculty of **15K**
 Merewether Bldg **17P**
 Microbiology **20P**
 Mills, R. C., Bldg **161**
 Mungo MacCallum Bldg **15G**
 Music, Dept of **24M**
 Nicholson Museum **16G**
 Nursing Therapeutics **Cumberland**
 Obstetrics & Gynaecology **9K**
 Occupational Therapy **Cumberland**
 Old Geology Bldg **15D**
 Old School Bldg **21P**
 Old Teachers' College Bldg **12G**
 Operations Accounting **13A**
 Orange Agricultural College **Orange Agricultural College Campus**
 Orthoptics **Cumberland**
 Paediatrics & Child Health **New Children's Hospital**
 Pathology **7K**
 Personnel Services **13A**
 Pharmacology **7L**
 Pharmacy **15E**
 Philosophy **17G**
 Photowise Imaging **20T**
 Physics **13J**
 Physiology **171**
 Physiotherapy **Cumberland**
 Planning Support Office **16E**
 Post Office **15E**
 Printing Services, University **20T**
 Professional Studies **13G**
 Properties & Investments **13A**
 Prospective Students Unit **12B**
 Psychological Medicine **4K**
 Psychology **14F**
 Purchasing **13A**
 Publications Office **16E**
 Public Health & Community Medicine **15K**
 Quadrangle **17F**
 Queen Elizabeth U Research Institute **9K**
 Regiment, University **14R**
 Religion, School of Studies in **12E**
 Research & Scholarships **16E**
 Revenue Services **13A**
 Risk Management **13A**
 Rose Street Bldg **24P**
 Ross Street Bldg **10D**
 Russell, Peter Nicol, Bldg **23P**
 St Andrew's College **5O**
 St John's College **3H**
 St Paul's College **12N**

