The Faculty of Dentistry:
United Dental Hospital of Sydney
2-4 Chalmers Street
Surry Hills, N.S.W. 2010
Telephone (02) 282 0453
Facsimile (02) 211 5912

Westmead Hospital Dental Clinical School
Hawkesbury Road
Westmead, N.S.W. 2145
Telephone (02) 633 7192
Facsimile (02) 633 2893

<table>
<thead>
<tr>
<th></th>
<th>Semester begins</th>
<th>Mid-semester recess</th>
<th>Lectures end</th>
<th>Study vacation</th>
<th>Exams commence</th>
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<td><strong>First Year, Second Year</strong></td>
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<td>First Semester</td>
<td>27 February</td>
<td>14-21 April</td>
<td>9 June</td>
<td>12-16 June</td>
<td>19 June</td>
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<td>Second Semester</td>
<td>24 July</td>
<td>25 Sept.-2 Oct.</td>
<td>3 November</td>
<td>6-10 Nov</td>
<td>13 November</td>
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<td>25 Sept.-2 Oct.</td>
<td>3 November</td>
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<td>13 February</td>
<td>14-21 April</td>
<td>9 June</td>
<td>12-16 June</td>
<td>19 June</td>
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<tr>
<td>Second Semester</td>
<td>24 July</td>
<td>25 Sept.-2 Oct.</td>
<td>3 November</td>
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<td>13 November</td>
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<td><strong>Fifth Year</strong></td>
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<tr>
<td>First Semester</td>
<td>6 February</td>
<td>14-21 April</td>
<td>9 June</td>
<td>12-16 June</td>
<td>19 June</td>
</tr>
<tr>
<td>Second Semester</td>
<td>24 July</td>
<td>25 Sept.-2 Oct.</td>
<td>3 November</td>
<td>6-10 Nov</td>
<td>13 November</td>
</tr>
</tbody>
</table>

Note: Easter recess: 14-21 April inclusive.
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Main Campus map 41
I warmly welcome you to the Faculty of Dentistry. Your entry into this Faculty will provide you with an exciting undergraduate program and the prospect of a challenging and rewarding career. Your course requires the development of procedural skills to achieve appropriate standards in preclinical subjects and clinical practice. Coursework in the clinical sciences is built on a foundation of basic and biological sciences and you will commence your practical clinical experience in the first year. Your final year is designed to match as closely as possible, a comprehensive practice experience with minimal clinical supervision. As well, in the final year, clinical experience will be broadened to further equip you for practice by rotations to other hospitals associated with the University of Sydney.

Dentistry is a noble profession, closely linked with medicine but independent from it and your undergraduate course is designed to prepare you to commence clinical practice following graduation and registration. Your entry into dentistry and your training as a health care professional place a great deal of responsibility on you for the delivery of appropriate clinical treatment and for the care and management of your patients' well-being. They will have trust in your technical and clinical skills and your ethical and moral standards, and the responsibility that rests with you in each of these areas requires special understanding, caring and sensitivity.

Your course will cover technical, clinical and ethical aspects of dental practice and your competency in each of these areas will allow you to confidently maintain appropriate standards of health care. As a graduate of the University of Sydney you will have a privileged role in the community.

Your course is designed to equip you to meet changing community needs. Such changes have had a profound impact during the last 20 years, independent of the refinements of dental instrumentation and ergonomic clinic design, and reflect much more the biological basis of dentistry and a move from a technology-based discipline that was previously the backbone of dental practice. As well, the improvements in community oral health have followed increased awareness of preventive oral health measures. The emphasis on preventive care in practice and the fluoridation of reticulated water supplies has led to the virtual elimination of dental caries. Management of carious lesions in such mouths when they do occur, is a relatively simple procedure and medical management of the early carious lesion both for adults and children has dramatically changed the work load of clinical practice. The emphasis on preventive dental care, on management of the occlusion of the teeth and dealing with orofacial dysfunction and jaw muscle pain, is now an increasingly important component of dental practice. The use of new restorative materials and the exciting development of predictable implant management have further developed dentistry to equip itself well for the demands of the 21st century.

The exciting developments in undergraduate education are matched by challenging continuing education opportunities. There is a need to continue to keep abreast of changes that arise as a result of improved oral health care and research into dental diseases. The Faculty offers a comprehensive variety of continuing education courses, diploma courses and higher degree training in research and the clinical specialities. I recommend these to you as the ideal way to maintain clinical and ethical standards and to keep pace with the changing face of dentistry.

Please take the opportunity to seek the guidance of Faculty staff and the Dean's office should you have any concerns during your undergraduate course and I wish you well in your studies and future careers.

Iven Klineberg
Dean
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 courses 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.

On University of Sydney Campus
The Faculty Office answers questions about:
• University regulations
• faculty rules, procedures and the like
• postgraduate study, by graduates of this or other universities.
The Faculty Secretary has an office in the Edward Ford Building (A27), Room 228, within the University grounds.

At the 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 Dental Clinical School, Westmead Hospital. You should seek information and advice from the following Faculty areas:

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

School of Dental Studies
There are thirteen Disciplines within the School of Dental Studies: Dental Materials 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, Tooth Conservation. Interdisciplinary coursework is also provided in Dental Technology and Oral Health; Oral Diagnosis and Radiology; and the Clinical Dentistry course in Fifth Year.

Head of School
Information and advice on courses conducted by the Faculty should be obtained from the Head of School. The Head of School's office is on the Second Floor of the Faculty Wing of the United Dental Hospital.

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

Dean
Iven J. Klineberg

Pro-Dean
Sybille K. Lechner

Associate Deans
Ewan J. Mylecharane (Undergraduate Studies)
Roland W. Bryant (Postgraduate Studies)
Kenneth W. Knox (Research)
Malcolm I. Coombs (Curriculum)

Office of the Dean
SECRETARY TO THE FACULTY
Hugh V. Wilson, BEc
RESOURCES MANAGER
Kelvin Drain, BSc
ADMINISTRATIVE ASSISTANTS
Annie Au, BA
Maria Estrellado, BA
Samantha Hudson
Rachel Merton, BA

Continuing Education
DIRECTOR
Michael C. Kafalias
ADMINISTRATIVE ASSISTANT
Lisa McLean

SCHOOL OF DENTAL STUDIES

Head of School
Associate Professor Cyril J. Thomas, BDS HDipDent Witv. PhD Stell.

Professor of Oral Biology
♦Kenneth W. Knox, MSc PhD (Oral Biology)
Appointed 1976

Professor of Prosthodontics
♦Iven J. Klineberg, 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 FRCPA (Oral Pathology and Oral Medicine)
Appointed 1992

Professor of Conservative Dentistry
♦Roland W. Bryant, MDS PhD, FRACDS (Tooth Conservation) (Acting Head, Endodontics)
Appointed 1993

Clinical Professor
John Edgar de Burgh Norman, MB ChB Leeds MDS, FDSRCS FRACDS FRCSEd (Maxillofacial Surgery)

Visiting Professor
♦Milton R. Sims, BDS MScD PhD, FRACDS FICD (Orthodontics)

Associate Professor
♦Peter D. Barnard, MPH Mich. MDS DDSc, FICD FRACDS FAPHA (Public Health Dentistry)

Associate Professors (fractional)
Christopher G. Daly, BDS PhD MSc Lond., FRACDS
Michael C. Kafalias, MDS Indiana MDS, FRACDS

Clinical Associate Professors
Anthony P. Barratt, BDS PhD Melb., FICD
Terence Walton, MSc Mich. MDSc, FRACDS

Senior Lecturers
♦Malcolm I. Coombs, BDS R.C.S. BDS Sheff. DCR Lond. MDS (Oral Diagnosis and Radiology)
♦James G. Ironside, MDS Adel. (Fixed Prosthodontics)
♦Sybille K. Lechner, MDS, FRACDS FPFA (Removable Prosthodontics)
F. Elizabeth Martin, MDS, FRACDS
Ward L. Massey, BDS Adel. PhD
Gregory M. Murray, PhD Tor. MDS, FRACDS
♦Carole A. Price, GradDipHEd N.S.W. MDS (Oral Health, Dental Technology)
Graham A. Thomas, BDS, FRACDS

Senior Lecturers (fractional)
W. Donald Heffron, CBE, BDS, FICD FACD (Deputy Director, Fifth Year Studies)
♦John Highfield, BDS MSc Lond. DDS Tor. (Periodontics)
Angus M. Kingon, BDS Lond. MDSc, FRACDS FDSRCS
Robert D. Mitchell, MDS, FRACDS
♦Arumugam Punnia-Moorthy, BDS Sri Lanka PhD Lond., FDSRCS FFDRCSI (Oral and Maxillofacial Surgery)
Zu-pyn Yang, BDS Taiwan SpecEndo Venn.

Clinical Senior Lecturers
George Gow-Gates, MDS
Robin Hawthorn, MDS
Susan G. Howell, BDS MDS
Alastair R.L. Stevenson, LDS R.C.S. BDS Lond., FDSRCSFRACDS
Richard P. Widmer, MSc Melb., FRACDS LDS(Vic) (Paediatric Dentistry)
Stephen Yeung, MDS Adel. PhD N’cle(N.S.W.), FRACDS

Senior Research Fellows
Neil Hunter, BDS PhD
Nick Jacques, BSc PhD

Research Fellow
♦Toshiko Mori, BDS PhD Kyushu, FADM (Dental Materials Science)

Lecturers
Kathryn M. Arneman, BDS MScDent
Anthony R. Au, MDSc, FRACDS
Cheryl C. Chappie, BDS MSc Lond.
Nigel J. Curtis, BDS N’cle(U.K.) MSc(Med) Glasc., FDSRCSND
Tarda M. Gerzina, MDS, FRACDS
M. Donna Mercado, DMD Philippines MSc Melb.
Hans Zoellner, BDS PhD

Lecturers (fractional)
David G.H. Cable, MDS
Helen M.R. Carey, BDS
Catherine E. Groenlund, MHP DipMark N.S.W. BDS MDSc
Shanithi Sivaneswaran, BDS Mysore MDS DPHDent
S. Timothy Wigmore, BDS Birm. MDSc

1 As at November 1994
* Heads of Disciplines (as indicated in parentheses)
Clinical Lecturers
Michael Bender, MB BS, FRACS
Susan Buchanan, BDS Melb. MDS, FRACDS
Robert J.F. Butler, BDSMelb. MDS DPHDent, FICD LDS(Vic) AFAIM
Angus C. Cameron, MDSc, FRACDS
Chris J.G. Griffiths, BDS DPHDent, LDS(Vic)
Ronald Q. Robinson, BS Georgetown DMD Kentucky

Associate Lecturer
Michael Maher, BDS Lond.

Visiting Scholar
Hyun-Gon Chung, MScDent DDS Yonsei

Professional Assistant
Christopher Johnson, MAppSc N.S. W.I.T. MComp Macq., MRACI CChem MACS

Senior Technical Officers
Stephen M. Green
Garric Herring
Michael Jean-Louis
Nicholas Lototzky
Bruno Nicoletti
Ken Tyler
Robbi Underdown

Technical Officers
Ksenija Rechan, CDT
Bjorn Ekendahl
Janice Matthews
Garath Styles

Laboratory Assistant
Ngoc Quynh Truong

Research Assistant
Constantina Orfanos, BSc N.S.W.

Administrative Assistants
Georgette Bahari
Judith L. Barter
Tracey Bowerman
Marty Darragh
Rebecca Granger
Alexis Jarvis
Maria Tingey
Margaret Thomas (State Orthodontic Service)
Donna Wilshire

Part-time staff
Associate Professors
Barrie R.D. Gillings, RFD, ED MS Roch BDS PhD, FRACDS FICD
Keith Godfrey, MDS, FACE

Lecturers
George M. Boffa, MDBPharmMaZtoDA(RCP&S)DA(WHO/ Copenhagen), FFARCSIFFARCSFFARACS FICS (General Anaesthetics)
John Dale, AM, LLB N.S.W. DDS Tor. MDS, FRACDS FICD
(Ethics, Professional Responsibility)
Nicholas A. Packham, MB BS BDS, FRACS (Head and Neck Surgery)
Peter W. Shields, MDS (Anatomy)
Nihill H. Somers, BAN.E. MDS,FRACDS (Local Anaesthetics)

Specialist Clinical Associates (Honorary)
Keith Baetz, BSc BDS Wiri. MDSc
Theodor Baisi, BDS
Ernest Chan, BDS MDSc
David Dal Pra, BDS Old MSc Lond.
Robert Fox, BDS
F. Shane Fryer, BDS MDSc, FRACDS
Robert Game, MDS Adel., FRACDS
Joseph P. Geenty, MDS Otago
Olga Gluhin, BDS Otago MDS
John M. Goodman, BDS MDSc
David Grossberg, BDS Wiri.
C. Mark Hanan, BDS Otago DOrth R.C.S., FDSRCS FDSRCSEd
Young Ki Hong, BDS MDSc
Deborah Lake, BDS MDSc
Anthony Martin, MDSc, FRACDS
Anthony Pistlese, BDS MDSc
Morris Rapaport, BDS MDSc
Daniel Vickers, BDS MDSc
Hilton Wasilewsky, BDS Wiri. DipOrtho Eastman N.Y.
MSc(Dent) Roch.
David Webster, BDS, FDSRCS FDSRCPGlas FRACDS

Specialist Clinical Associates
Ching Kit Chan, BDS MDSc
Stephen Duncan, BDS MDSc
John Flicker, BDS MDSc, FRACDS
Ronald Masson, BDS MDSc, FRACDS
Janis McAlloon, BDS MDSc, FRACDS
David Roessler, BDS MDSc, FRACDS
Barbara J Spark, BDS MDSc
Peter Synnott, BDS MDSc
Paul Taylor, BDS MDSc

Senior Clinical Associates (Honorary)
Stephen C. Daymond, BDS, FRACDS
David Leafe, BDS MSc Lond.
Arthur Mills, MDS
Thomas Scahill, BDS, FDSRCS FRACDS
David I. Wearn, BDS

Senior Clinical Associates
Ernest G. Altiaia, MHP N.S.W. MDS
Thomas W. Boland, BDS MSc Lond.
Bruce C. Duncan, BDS BA
Douglas W. Easthope, OAM, MDS
Diana J. Fabijan, BDS Adel. DipClinDent
Stuart H. Howe, BDS
Anthony C. McLaughlan, BDS
Ian G. Martin, MDS
Alain J. Middleton, BDS
Peter G. Rosenhain, BDS MBA Macq.
David B. Rosenwax, MDS
Antony S. Ryfnberg, BDS BA
Darren J. Scott, BDS
Wayne Sherson, BDS Otago MSc(Dent)
Franciskus B. Tan, MDS, FRACDS
Andrew R. Taylor, BDS
Thomas Tseng, BDS, FRACDS
John Watson, BDS MDSc
Ian A. Yerbury, BDS
Phillip Zoldan, BDS

Clinical Associates (Honorary)
David Chien, BDS
Mary Choo, BDS
Mohigan Ghaffari, BDS
Andrew C.C. Lin, BDS
James Ngo, BDS
David Sheen, BDS MHlthPlan N.S.W.
Lesley Short, MDS MSc Melb.

Clinical Associates
Eduardo E. Alcaino, BDS, FRACDS
Constantine Amditis, MDS MDSc, FRACDS
Nectarios Andrews, BDS
Christine Asian, BDS
Steven J. Brandson, BDS MSc(Dent) Lond.
Rosemary Cane, BDS
Frank W. Chan, MDS Melb.
Hyun-Gon (Peter) Chung, DDS MScDentSc Korea
Lester R. Clifford, BDS
R. Geoffrey Cook, BDS
Stephen W. Dahlstrom, MDS Melb, FRACDS
Andrew Dunn, BDS
Alan Deutsch, BDS
Robert A. Fenton, MDS Adel.
Phillip Gray, BDS
Kuat S. Ho, BDS Sheff. MDS Melb.
Arm Y. S. H. Hou, BDS Taipei Medical Coll. MDSc DPhDent.
Michael Kalas, BDS, FRACDS
Natalie C. Lalak, BDS
Rex Liu, BDS, FRACDS
Cheen-Yau Loo, BDS
Kareen Mekertichian, BDS MDSc, FRACDS
Richard Michniewicz, BDS BA DipEd
David G. Millington, BDS
Bruce P. Nichols, BDS
Vera Palfreeman, BDS
Frank G. Papadopoulos, BDS
Megan K. T. Phillips, BDS
Jane S. Pinchback, BDS
Sarah L. Raphael, BDS Adel.
S. Rajah Selvarajah, BDS
Paul Shouha, BDS
Ricardo Spencer, BDS
Kammoon Srethbhakdi, BDS
Brett L. Taylor, BDS
Robyn P. Thomas, MDSc
Stephen S. Travis, BDS MDSc
Peter J. Tyas, BDS
Cathryn V. Vasseleu, BDS MDSc BA
Phillip G. C. Whalley, BDS
Mathini Wigneswaran, BDS Ceyl. BDS
Glen R. Willey, BDS
Albert W-H. Yeung, BDS
Robert Y. L. Zee, BDS

State Orthodontic Service Clinical Associates
Douglas W. Easthope, MDS
Russell J. Kiff, MDS
Douglas M. Nader, MDS
Richard M. Pepperell, BDSQld MDSc
Peter D. Scouler, BDS MDSc

Clinical Tutors (Honorary)
Anthony Burgess, BDS
William Chua, BDS
Ilyong Son, BDS
Claro Villon, BDS

Clinical Tutors
Alfred P. Calavassy, BDS
Charlie Canceri, BDS
Elizabeth B. W. Chec, BDS MSc Lond.
Sally Crowley, BDS Qld
Paul O. Dell’Oro, BDS
Romola D’Souza, BDS
Charlotte de Courcey-Bayley, BDS
Mark W. Dennes, BDS
-Nicole Doid, BDS
Ron Georgiou, BDS
John Greenstone, BChD Pret.
Bezhad Habibi, BDS
Roy B. Judge, LDS R.C.S. BDS Lond.
Julita Karolewski, BDS
Hayam Kazemi, BDent & Oral Surg Cairo
Peter King, BDS
Robert Mackay, BDS
Rachel Mascord, BDS
Popi Papadopoulos, BDS
Geoff Parsons, BDS
Beata Rumianek-Dzwinski, BDS
Arti Shah, BDS
Turner T. K. Sinn, BDS
Pamela Theodoropoulos, BDS
John Wehbe, BDS

Appointments pending
James M. Auld, BDS DipSocSc N.E. MSc
Peta A. Blake, BDS
Michael N. Buchanan, MB BS BDSc Melb.; FDSRCS
David R. Butler, BDS DipClinDent
Malcolm D. Bourne, LDSRC.S., FDSRCS
John W. Cairns, BDS DDS Tor. BSc(Dent)
Thomas R. Corbett, MDS, FRACDS
Geoffrey G. Cumming, MDSc
John K. Fung, BDS
Jack A. Gerschmann, BDSc Melb. PhD, LDS(Vic)
Evan Godfrey, BDS
James K. Grainger, MDS
Noel Hodge, BDS
Raymond N. F. Loh, BDS Sing.
Murray A. MacGee, BDS
Peter Magnus, BDS, FICD
Graham J. Manning, BDS
Stevan D. Milson, BDS
Peter G. Mouser, BDSQld
Alan R. Reid, BDS
Jon Ritchard, BDS
Robert E. Saltimiras, BDS
Howard J. Sandler, BDS MScDent Witw.
Antonia M. Scott, BDS
Graydon C. Smith, MDS, FRACDS
Barry Turner, BDS
John D. Wong, BDS
Robin G. Woods, AM, BDS, FRACDS FICD

Staff from United Dental Hospital contributing to teaching
Appointments pending
Alexandra B. Barratt, BDS
Harold C. Champion, BDS
Ann Chu, BDS
Ireen Climax, MDS Sing.
Norton Duckmanton, RFD, MDS, FRACDS
Peter Duckmanton, BDS MDSc
James Fisher, BDS
Peter J. Frost, BDS MDSc
Kenneth Khee Yew Hooi, BDS
Peter G. Kramer, BDS
Sumathi Maniapillai, BDS
Robert Paton, BDS MDSc Qld
Leesa Rix, BDS MDSc, FRACDS
William Saunders, BDS MDSc
A. Patrick Selvaraj, BDS
S. Fuen Tang, BDS
Barbara Taylor, BDS Mel. GradDipOH&S W.A.I.T. MDSc, FRACDS
Tak Kim Ernest Tong, BDS Malaya
Kenneth H. K. Wong, BDS

Staff from Westmead Hospital Dental Clinical School contributing to teaching
Appointments pending
Gregory Bellamy, BSc N.S.W. BDS
Ann Collins, LDS R.C.S. BDS Lond., FRACDS(OMFS)
Joy Gouvousis, BDS
Fiona Heard, BDS Melb. MDS, FRACDS LDS(Vic)
George H. Hewitt, MDS, FDSRCS HCD FRACDS (Director of Clinical Dentistry and Coordinator of MDSc Programs)
Geoffrey M. McKellar, BDS QldMDScMelb. DOSR. A. C. D. S., FRACDS
Mark McLachlan, MDS, FRACDS
Roderick I Marshall, MDS
Braham Pearlman, BDS MSc Dent Boston
Brian W. Roberts, MDS Otago
Elizabeth M. Rodrigues, BDS
Peter Serb, BDS
John Sheedy, BDS

From other faculties

Professor
Yvonne E. Cossart, DCP Land. BSc(Med) MB BS, FRCPath (Infectious Diseases)

Visiting Professor
Michael V. Swain, BSc PhD N.S.W. (Mechanical Engineering)

Reader
*John R. Gibbins, MDS PhD (Pathology)

Associate Professors
*Miriam Frommer, BSc PhD land. (Physiology)
Colin Harbour, BSc Wales PhD Land. (Infectious Diseases)
*Raymond Kearney, BSc PhD Qld (Infectious Diseases)
Ewan J. Mylecharane, BPharm Vic.I.C. BSc PhD Melb. (Pharmacology)

Senior Lecturers
Gregory A. Doran, BDSc MSc W.Aust. PhD N’cle (N.S.W.), MACE MASCH (Anatomy and Histology)
Mary A. Pegler, MSc, FASM (Infectious Diseases)
Margaret A. Swan, BSc PhD (Anatomy and Histology)
*Michael A. W. Thomas, DPhil Oxf. BSc (Biochemistry)
Carol H. Thompson, BA MVSc, MACVSc MASM (Infectious Diseases)

Lecturer
*Hilary G.E. Lloyd, BSc Brist. MSc PhD Lond. (Pharmacology)

Associate Lecturer
Bruce Duncan, BDS BA (Anatomy and Histology)

Other staff

Honorary Curator, Dental Alumni Society Museum
Sydney Levine, MDS, FRACDS

Honorary Assistant Curator, Dental Alumni Society Museum
Anthony O’Meara, MDS
2 The Faculty of Dentistry

General

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 three master's degrees, the degree of Master of Dental Surgery (MDS), 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 Public Health Dentistry (DPH Dent) and the Graduate Diploma in Clinical Dentistry (DipClinDent).

The degree of Bachelor of Dental Surgery enables graduates to practise dentistry and is the academic evidence required by the Dental Board of N.S.W. 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 both the patient 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 surgery, 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, not only in understanding 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 full-time specially trained staff members in teaching, rather than upon 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 N.S.W. 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 N.S.W.

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 N.S.W.

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) a graduate in dentistry of any university in Australia or of a dental college affiliated with a university of Australia; or
(b) 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 Hospital Dental Clinical School.

United Dental Hospital of Sydney
The United Dental Hospital provides:
(a) clinical and technical facilities for the instruction of university 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.

Dental Clinical School, Westmead Hospital
The Dental Clinical School is part of Westmead Hospital. It provides:
(a) clinical and technical facilities for the instruction of university 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 (IDR)
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 is primarily concerned with dental research and comprises 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. The Director holds the position of Professor of Oral Biology.

Centre for Oral Health Research
The Centre for Oral Health Research brings together a range of relevant research interests within the Faculty and the Institute of Dental Research, which is now designated the Department of Oral Biology.

The aim of the Centre is to provide the interface between scientific developments and clinical practice through studies in a range of relevant areas.

The Centre also serves as a public focus for the activities of the Faculty and IDR. The components of the Centre are the Institute of Dental Research and the following Faculty units: Biomaterials, Experimental Oral Surgery, Neurobiology and Orofacial Pain, Oral Pathology and Oral Medicine and Orofacial Implants.

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 School of Dental Science;
(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 School of Dental Science elected by the Faculty, with not more than two members being elected from any one discipline;

g) persons upon whom the Senate has conferred the title of Clinical Professor, Clinical Associate Professor, Clinical Senior Lecturer, or Clinical Lecturer in accordance with the resolutions of the Academic Board;

h) not more than five students elected in the manner prescribed by resolution of the Senate;

i) the President of the Dental Health Education and Research Foundation within the University of Sydney;

j) the General Superintendent of Westmead Hospital;

k) the Director of Dental Services at Westmead Hospital and the Director of Dental Services of the United Dental Hospital;

l) the Director of the Institute of Dental Research;

m) the Director of Dental Services of the Department of Health of New South Wales;

n) one nominee of each of the Royal Australasian College of Dental Surgeons and the Australian Dental Association (New South Wales Branch); and

o) such other persons as may be appointed by the Faculty on the nomination of the Dean, for such period as determined by the Faculty.

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.

Committees of the Faculty

The following are the committees of the Faculty of Dentistry responsible for the planning and implementation of faculty policies:

- Admissions Committee
- Board of Postgraduate Studies
- Boards of Examiners
- Boards of Studies for each Year of the degree of Bachelor of Dental Surgery
- Committee on Exclusions and Readmissions
- Committee for Continuing Education in Dentistry
- Curriculum Committee
- Finance Advisory Committee
- Library Committee
- Management Committee
- Management Committee of the Centre for Oral Health Research
- Policy Advisory Committee
- Research Committee
- Staff/Student Liaison Committee
- Standing Committee
- Teaching Committee

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 Statutes and Regulations 1994-95.

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 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 N.S.W. 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. duVernet, 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 England, 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, N.S.W. 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 N.S.W. 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 N.S.W. Government. The Institute, which was established to promote dental research, was based on the National Institute of Dental Research in Bethesda, Maryland, U.S.A. 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. The Hospital was opened for medical patients in 1978 and accepted its first dental patients in 1980.

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 now the largest dental school in Australia. It has the most extensive postgraduate and continuing education programs. For many years the Faculty has been responsible for training dentists for those states in Australia and for neighbouring countries without dental schools. Dental graduates of many countries in Asia 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 a new Faculty structure was introduced with the establishment of a School of Dental Studies. There are no longer four Departments with Departmental Heads and Disciplines grouped within Departments. There is now a Head of School, and within the School individual Disciplines are identified. Directors of Years are appointed to coordinate coursework for each year and Course Coordinators are responsible for individual courses in each year.

In keeping with the principle of continuing evaluation and development, a complete review of the curriculum was begun in 1988 and this has led to the proposal of a combined degree structure with the Faculty of Science, BSc(Dent) - BDS. This proposal is now under active development.

1 Now known as Westmead Hospital.
The BDS degree 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 courses 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 as practised in the concluding years of the twentieth century, and prepared for the practice of dentistry in the twenty-first.

3. Undergraduate degree requirements

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. A course 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 course' 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 course.

3. A candidate for the degree shall, during the First Year, complete the following courses:
   (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 courses:
   (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 courses:
   (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 courses:
   (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 (Local and General)
   (11) Oral Diagnosis and Radiology
   (12) Periodontics
   (13) Pedodontics
   (14) Orthodontics;
7. A candidate for the degree shall, during the Fifth Year, complete the following courses:
   (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 courses 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 courses 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 course for the degree is no longer available, a candidate shall complete instead such other course or courses 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 courses of 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, 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 courses of the Third Year or the Fourth Year for the degree,
4 Courses of study

Note: Courses and arrangements for courses, 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 courses, arrangements or staff allocations at any time without notice.

Revised curriculum
The description of courses below follows the sequence given in resolutions of the Senate 3-7 in Chapter 3 of this handbook. The arrangement is by years. All students take all courses in proceeding to the BDS degree. The University's course identification code numbers are shown in parentheses.

Recommended books for courses
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
All courses are given on the University Main Campus in First Year.

Physics (1-1545-3)
AKn HSC Mathematics 2-unit course, Physics core of 3- or 4-unit Science or 2-unit Physics
Classes Sem 1: (3 lec, 1 tut & 3 prac)/wk
Assessment one 3hr exam, continuous in laboratory

Physics for Dentistry is a one-semester course. Topics include mechanics, properties of matter, thermal physics, electricity, light and radiation. The laboratory course includes practical electricity and experimental method.

Textbooks
Physics 1 laboratory manual, Dentistry, Medicine and Veterinary Science (School of Physics, 1995)

Chemistry (1-4430-3)
AKn HSC Mathematics 2-unit course, Chemistry component of HSC 3- or 4-unit Science or 2-unit Chemistry
Classes Yr lec (42 Inorganic & Physical & 27 Organic), fourteen 3hr prac & 27 tut
Assessment exams at end of each sem

This course is covered by the School of Chemistry's Chemistry 1LS course, which is given over two semesters, and is for the student who requires a good general grounding in chemistry for the subsequent study of subjects such as biochemistry and physiology.

It covers chemical theory, inorganic, physical, and organic chemistry with many examples from biological areas. Course details are available from the Chemistry School. Students are advised at the beginning of the year about other factors contributing to assessment for the course.

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

Biology (1-3128-3)
Dr Franklin
AKn HSC Biology section of the Science 3-unit course
Classes Sem 1: (3 lec & 4 prac)/wk
Assessment theory exam, prac, assignment

This course (Biology for Dentistry) provides an introduction to cell structure and function, tissue structure and function, mammalian anatomy and physiology (with particular reference to humans), microbiology and genetics. There are 36 lectures and 13 four-hour laboratory sessions.

Textbook

Notes to accompany lectures will be issued as appropriate. Laboratory notes should be obtained from the Carslaw Building during the week before lectures begin. For further details of the course obtain a copy of the booklet Information for Students in First Year Biology when you enrol at the Faculty of Dentistry office.

Histology and Embryology (1-3396-3)
Dr Swan
Classes Sem 2: (1 lec & 2 prac)/wk plus 6 lec & one 2hr prac
Assessment one 1hr theory exam, one 1hr prac exam, practical books may be assessed
(See under Second Year for details of the continuation of this course.)

The histology course 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. In this semester there are also six lectures and two hours of practical work on embryology.

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, 2nd edn (1989), is essential as exercises in the practical books refer to numbered pages in this text.
Biochemistry (1-3395-3)
Dr Thomas
Classes Sem 2: 2-3 lec/wk
Assessment one 2hr exam

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

The topics presented in Semester 2 are a major segment of the course and they 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.

Preliminary reading
S.P.R. Rose The Chemistry of Life 3rd edn (Penguin, 1991)

Textbook
or
or
C.K. Mathews and K.E. van Holde Biochemistry (Benjamin Cummings, 1990)

Oral Anatomy and Oral Health (1-5725-3)
Dr Price and Dr Doran
Classes Yr: (1 lec & 6 prac)/wk
Assessment one 2hr exam/Sem 1, two 1.5hr exams/Sem 2, one assignment (equiv. 3000w)

A course 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.

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

Reference books
A.C. Gabriel Anatomy of Teeth and Jaws (U. of Sydney, 1965)
J.H. Scott and N.B.B. Symons Introduction to Dental Anatomy 7th edn (Churchill Livingstone, 1974)

Dental Technology (1-5732-3)
Dr Price
Classes Yr: (1 lec & 6 prac)/wk
Assessment one 1hr exam/Sem 1, one 3hr exam/Sem 2, regular viva voce tests

Lectures are given throughout the year on the anatomy of head and neck, neuroanatomy and thorax. The lectures on head and neck are supplemented by dissections carried out using specially prepared notes; those on neuroanatomy and thorax by tutorials. Particular emphasis is placed on the head and neck and associated neuroanatomy. The classes stress individual discovery and learning.

Weekly lectures are given throughout the year on special areas of dental anatomy, viz. detailed dental morphology, growth and development of the teeth and jaws and the function of the masticatory mechanism.

Students are required to provide themselves with a good quality human skull and specimens of permanent and deciduous teeth.

Textbooks
G.A. Doran A New Approach to Dissection of the Thorax Head and Neck (U. of Sydney, 1990)
plus either
A.D. Dixon Anatomy for Students of Dentistry 5th edn (Churchill Livingstone, 1986)
or

either to be used in conjunction with

Reference books
J. Nolte The Human Brain 3nd edn (Mosby, 1993)
R. Warwick and P.L. Williams (eds) Gray's Anatomy 37th edn (Longmans, 1989)
Biochemistry (2-3026-3)
Dr Thomas and Assoc. Prof. Jones
Classes Yr: (2 lec & 3 prac)/wk
Assessment two 2hr exams

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 course is completed with a section on biochemical aspects of nutrition. The emphasis during this semester is on applied and dental aspects of biochemistry.

Preliminary reading
S.P.R. Rose *The Chemistry of Life* 3rd edn (Penguin, 1991)

Textbooks
or
or
C.K. Mathews and K.E. van Holde *Biochemistry* (Benjamin Cummings, 1990)

plus

Reference books
A.S. Truswell *ABC of Nutrition* (BMA, 1986)

Histology (2-3030-3)
Dr Swan
Classes Sem 1: (1 lec & 2 prac)/wk; Sem 2: (2 lec & 3 prac)/wk
Assessment Sem 1: one 1hr theory exam, one 1hr prac exam;
Sem 2: one 1hr theory exam, one 1hr prac exam; 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 course consisting of one lecture and one two-hour practical period per week.

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 Semester 2. Each practical session is preceded by a slide tutorial demonstrating the special dental slides.

Textbooks
Sem 1

Sem 2

Physiology (2-3605-3)
Dr Frommer
Classes Sem 1: 2-3 lec/wk; Sem 2: 2-3 lec/wk & 60hr prac/tut
Assessment one 3hr exam/sem

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

Textbook
or

Materials Science (2-3862-3)
Prof. Swain
Classes Yr: 1 lec/wk
Assessment 2hr exam/sem, one assignment/sem

Lectures are given throughout the year 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.

Textbook
E.C. Combe *Notes on Dental Materials* 6th edn (Livingstone, 1992)

Reference books
R.G. Craig *Restorative Dental Materials* (Mosby, 1990)

Tooth Conservation (2-5734-3)
Dr Gerzina and others
Classes Yr: (1 lec & 3 prac)/wk
Assessment one 2hr exam/Sem 1, one 3hr exam/Sem 2, 4 prac exams (2/sem)

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 under conditions that simulate the clinical environment.

The Second Year course 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
R.G. Craig *Restorative Dental Materials* (Mosby, 1990)

Removable Prostodontics (Preclinical) (2-3966-3)
Dr Murray
Classes Sem 1: (1 lec & 3 prac)/wk; Sem 2: 2 (prac/seminar)/wk
Assessment one 3hr exam, 3 prac exams, class work

Prosthetic dentistry 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 course is a one-year preclinical course 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
E.L. Miller and J.E. Grasso Removable Partial Prosthodontics 3rd edn (Mosby, 1991)
E.C. Combe Notes on Dental Materials 6th edn (Livingstone, 1992)

Oral Health (2-4048-3)
Dr Chappie
Classes Yr: (1 lec & 3 tut/prac)/wk
Assessment one 2hr exam, continuous clinical, project, survey, case presentation

This is a preclinical and clinical course designed to introduce the students to patient management. The aims and objectives are:
• to introduce and 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; art of making clinical observations of host response in the healing of gingival tissues; provision of oral hygiene instruction, fluoride treatments and fissure sealants; and rubber dam application;
• to ensure the students are fully conversant with infection control procedures in the practice of dentistry;
• to provide an introduction to community dental health issues.

Reference books

Professional Communication
Dr Chappie
Classes see Oral Health (2-4048-3)
Assessment continuous clinical, two reports, two oral presentations

Third Year

University Main Campus: Infectious Diseases, General Pathology.
United Dental Hospital: all other Third Year courses.

Infectious Diseases (3-3399-3)
Assoc. Prof. Kearney and others
Classes Sem 1: (4 lec & 2 prac)/wk
Assessment one 3hr exam, prac

A course of 56 lectures and 20 practical classes is given during the first semester. Approximately 24 hours is devoted to self-directed learning by students where the format consists of essay topics and student-presented tutorials on set topic assignments.

The course deals with the principles governing the mechanisms of microbial infection and pathogenicity and aims to give the student an attitude towards infection and pathogenicity that will be relevant whatever the nature of the infectious agent and whatever type of infectious disease.

Textbook
C. A.Mims et al. Medical Microbiology (Mosby Europe, 1993)

Pathology (3-3794-3)
Dr Gibbins
Classes Sem 1: (2 lec & 2 prac)/wk
Assessment one 1.5hr assessment (mid-sem break), one 2.5hr 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 class/bottle tutorials 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.

Textbook
R.Z. Cotran et al. Pathological Basis of Disease (Saunders, 1989)

Tooth Conservation (3-5735-3)
Dr Mercado and others
Classes Yr: (1 lec & 3hr clinic)/wk
Assessment one 1hr exam/sem, two 3hr prac exams, clinical work

The course 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.

Textbook

### Removable Prosthodontics (3-3803-3)

**Dr Au**  
*Classes* Yr: (1 lec & 9 prac)/wk  
*Assessment* one 3hr exam, prac & clinical class work

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

The didactic aspects of the course are provided through lectures. Seminars provide a less formal setting for group 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.

To link earlier and later years, students participate in the Special Prosthetics Clinic at the United Dental Hospital to provide an introduction to the practical/clinical aspect of treating patients who require treatment with complete dentures.

**Textbooks**

**Reference Books**  
C.O. Boucher *et al.* *Prosthodontic Treatment for Edentulous Patients* 10th edn (Mosby, 1990)  
E.L. Miller and J.E. Grasso *Removable Partial Prosthodontics* 3rd edn (Mosby, 1991)  
E.C. Combe *Notes on Dental Materials* 6th edn (Livingstone, 1992)  

### Periodontics (3-4051-3)

**Dr Chappie**  
*Classes* Yr: 20 lec & (3 tut/prac)/wk  
*Assessment* one 2hr exam, continuous clinical, two case presentations, one 1500w essay

This course is designed to:

- introduce the current concepts of the aetiology and pathogenesis of gingivitis and chronic inflammatory periodontal disease (CIPD);
- provide a rationale for current clinical practices in the treatment of gingivitis and CIPD;
- introduce and review the current methods of plaque control and the strategies in developing 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); the mechanical preparation of diseased root surfaces in order to promote healing (root planning); assessment of host response in the healing of gingival and periodontal tissues; and evaluation of effectiveness of initial periodontal therapy.

**Textbook**  
J. Lindhe *Textbook of Clinical Periodontology* 2nd edn (Munksgaard, 1989)

**Reference books**  
R.J. Genco *Contemporary Periodontics* (Mosby, 1990)  

### Oral Biology (3-3631-3)

**Prof. Knox, Dr Hunter and Dr Jacques**  
*Classes* Sem 1:4 lec & four 2hr prac; Sem 2: 3 lec/wk  
*Assessment* one 3hr exam

A series of 35 lectures is given on aspects of plaque ecology, dental caries, periodontal diseases, other diseases caused by oral organisms, and oral immunology. Plaque ecology is discussed in terms of the localisation of bacteria, interaction between bacteria, the contribution of saliva and dietary components to plaque formation, and properties of bacteria in relation to cell structure. Topics on dental caries include biochemistry of the tooth, structure and histopathology of the carious lesion, role of specific bacteria in dental caries, metabolism of carbohydrates (particularly sucrose) by cariogenic bacteria, the molecular basis for caries prevention, and the fluoride-dental caries relation and dental fluorosis. Periodontal diseases are discussed in the context of the role of specific organisms and the biological activities of their components, biochemistry of connective tissue including osseous response to implants, immunological aspects of periodontal disease in the control of tissue damage and stability or progression of the lesion, and the development of rational means of control. Other diseases involving oral organisms that will be discussed are pulpitis, candidiasis and endocarditis.

**Textbook**  
P. Marshand M. Martin *Oral Microbiology* 3rd edn (Chapman & Hall, 1992)

**Reference books**  
I. Roitt *Essential Immunology* 6th edn (Blackwell, 1987)  
I. Roitt and T. Lehner *Immunology of Oral Diseases* 2nd edn (Blackwell, 1983)

### Oral Diagnosis and Radiology (3-3791-3)

**Dr Coombs and Dr Scott**  
*Classes* Sem 1:16 lec & prac; Sem 2: 12 lec & prac  
*Assessment* two 3hr exams

This course 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.

Textbooks
P.W. Goaz and S.C. White Oral Radiology Principles and Interpretation (Mosby, 1994)

Occlusion (3-3621-3)
Dr Au and Prof. Klineberg
Classes Sem 1: (1 lec & 9hr prac)/wk
Assessment one 2hr exam

This is a preclinical and clinical course 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 courses 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 philosophy of occlusal splint construction;
- the study of tooth morphology and the inter-relationships 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;
- use of occlusal splints in diagnosis and management of orofacial pain and dysfunction;
- 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
L.J. Klineberg Occlusion: Assessment and Diagnosis (Wright, 1991)

Endodontics (3-5737-3)
Part-time staff (Prof. Bryant)
Classes Yr: (1 lec & 3 prac)/wk
Assessment one 1hr exam/sem, three 3hr prac exams, class work

The course 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.

Textbook
R. Walton and M. Torabinejad Principles and Practice of Endodontics (Saunders, 1989)

Fixed Prosthodontics (3-5933-3)
Dr Ironside
Classes Yr: (1 lec & 3 prac)/wk
Assessment one 2hr exam/sem, three 3hr prac exams, class work

The course comprises a series of lectures and preclinical practical classes on the restoration of defects in tooth structure using indirect technology. Emphasis is given to full crown preparations, temporary coverage and elastomeric impression techniques.

Textbooks
B.G.N. Smith Planning and Making Crowns and Bridges (Methuen, 1986)
H.T. Shillingburg Fundamentals of Tooth Preparations (Quintessence, 1987)

Pharmacology (3-5945-3)
Dr Lloyd and Assoc. Prof. Mylecharane
Classes Sem 2: 1 lec/wk
Assessment one 1.5hr exam

This course, consisting of 12 lectures, aims to provide 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 dose-response curves, and drug absorption, distribution, metabolism and excretion. Thereafter, the curriculum is arranged as follows: autonomic and endocrine pharmacology; pharmacology of the immune system including allergy, inflammation and asthma; drugs acting on the gastrointestinal tract.

Textbook

Reference book
Oral Surgery (Local Anaesthesia and Exodontia) (3-5958-3)

Local Anaesthesia
Dr Somers, Dr Kingon and others

Classes
Sem 1: 9 lec, 1 tut & 1 prac
Assessment one 1hr test

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 course 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.

Textbook

Reference book
D.H. Roberts and J.H. Sowray *Local Anaesthesia in Dentistry* (Wright, 1988)

Exodontia
Dr Punnia-Moorthy, Dr Mitchell and others

Classes
Sem 2: 9 lec, 6 prac, 3 seminars & 9 tut
Assessment one 1hr test

In Semester 2 (possibly Semester 1 also in future), 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 precaution 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.

Textbook
G.L. Howe *Extraction of Teeth* (Wright, 1991)

Orthodontics (3-4314-3)

Dr Arneman

Classes Sem 2: 4 lec & 4 tut
Assessment Sem 2: multiple choice exam

Given a child, adolescent, or adult patient, by the conclusion of the course, 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 which he/she desired 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
W.J.B. Houston *Orthodontic Diagnosis* 3rd edn (Wright, 1982)

Fourth Year

Fourth Year courses are given at the United Dental Hospital and the Dental Clinical School at Westmead Hospital.

Tooth Conservation (4-5989-3)

Dr Martin, Prof. Bryant, Dr Massey and Dr Zoldan

Classes Sem 1: (1 lec & 3hr clinic)/wk; Sem 2: (3hr clinic & 6hr seminar)/wk
Assessment: one 1hr exam/sem, two 3hr prac exams, clinical work

Experience is obtained in the clinical care of patients who primarily require the conservation or restoration of teeth. The course 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.

Textbook

Fixed Prosthodontics (4-5994-3)

Dr Ironside and others

Classes Sem 1: (3 prac & 1 clinic)/wk; Sem 2: (1 lec, 3 prac & 1hr clinic)/wk
Assessment one 1hr exam/sem, major essay, seminar participation, clinical work

Lectures and practical classes cover the principles of the design and construction of fixed appliances 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
B.G.N. Smith *Planning and Making Crowns and Bridges* (Methuen, 1986)
H.T. Shillingburg *Fundamentals of Tooth Preparations* (Quintessence, 1987)

Endodontics (4-3760-3)

Dr Yang and others

Classes Yr: Sem 1: (1 lec & 3hr clinic)/wk; Sem 2: 3hr clinic/wk
Assessment one 1hr exam/sem, clinical work

The course 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.
Removable Prosthodontics (4-3946-3)

Dr Lechner

Classes: Yr: (1 lec & 6 prac)/wk
Assessment: class work, one 3hr exam

A two-semester course of lectures, clinical demonstrations, seminars and practical classes including the treatment of patients. The following topics are studied:

- complete dentures: impression theories; maxillomandibular records; aesthetic and functional considerations in tooth arrangement; overdentures; immediate dentures; rebase and reline procedures.
- removable partial dentures: diagnosis and treatment planning; design; tooth modification; aesthetic consideration.
- osseointegrated implants: diagnosis; implant alignment.

Textbooks

Reference books
C.O. Boucher et al. Prosthodontic Treatment for Edentulous Patients (Mosby, 1990)
E.L. Miller and J.E. Grasso Removable Partial Prosthodontics 3rd edn (Mosby, 1991)

Preventive Dentistry (4-3942-3)

Assoc. Prof. Barnard

Classes: Sem 2: 14 lec
Assessment: one 2hr exam

Prevention at community, dentist and individual levels; behavioural and sociological aspects of preventive measures and implementation of preventive procedures and practices; factors influencing the provision and utilisation of dental services; health attitudes, beliefs and behaviour; interpersonal communication and dentist/patient relationship; dental health education.

Textbook

Reference books
S.F. Dworkin et al. Behavioural Science and Dental Practice (Appleton & Lange, 1987)
G.G. Kent The Psychology of Dental Care 2nd edn (Wright, 1991)
L.K. Cohen and P.S. Bryant Social Sciences and Dentistry (Quintessence, 1984)

Oral Surgery (4-3931-3)

Dr Punnia-Moorthy and others

Classes: Sem 1: 1 lec/wk; Sem 2: (2 lec & 4.5 prac)/wk
Assessment: one 1hr exam/Sem 1, one 3hr exam/Sem 2, one 3hr prac exam/Sem 2, 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 taught including: aspesis and antisepsis, 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, post-operative care of the oral surgery patient; impacted teeth, cysts, tumours, mucosal lesions, surgical endodontics; 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.

Oral diagnosis and oral surgery clinics are conducted regularly.

Textbooks
R.A. Cawson Essentials of Dental Surgery and Pathology 5th edn (Churchill Livingstone, 1991)
G.L. Howe Minor Oral Surgery (Wright, 1985)

Reference book
C. Scully and R.A. Cawson Medical Problems in Dentistry 3rd edn (Wright, 1993)

Oral Pathology and Oral Medicine (4-6151-3)

Prof. Walker

Classes: Yr: 52 lec & 16 prac
Assessment: one 2hr exam, one 30min prac exam

In Oral Pathology, the student learns how the principles of general pathology can be applied to the understanding of diseases affecting the teeth, supporting gingivae, jaw bones, oral mucosa and salivary glands. The lectures and practical classes are designed to show how these processes affect cells and tissues and the molecular basis of these processes.

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

Textbooks
R.A. Cawson Essentials of Dental Surgery and Pathology 5th edn (Churchill Livingstone, 1991)
C. Scully and R.A. Cawson Medical Problems in Dentistry 3rd edn (Wright, 1993)
A course of lectures is given, devoted mainly to the general principles of surgery. The following topics are covered: general hospital organisation and procedures; patient evaluation; principles of inflammation, haemorrhage, shock, electrolyte balance, management of wounds and burns, plastic surgery; head injuries; common general surgical conditions; surgical emergencies; tumour treatment. Particular emphasis is placed on surgery of the head and neck, including: surgical anatomy; diseases of the oral cavity, salivary glands, thyroid gland, head and neck; tracheotomy; cleft lip and cleft palate.

Textbook
H. Ellis and R.Y. Calne Lecture Notes on General Surgery (Blackwell, 1987)

Pharmacology and Therapeutics (4-3941-3)
Dr Lloyd, Assoc. Prof. Mylecharane and Dr Gipps
Classes Sem 1: 1 lec/wk
Assessment one 2hr exam

This course, consisting of 15 lectures, is a continuation of the Third Year course in Pharmacology, and includes lectures given by the Department of Pharmacy. Its aim is to provide a general understanding of drug use in medicine, and a more detailed understanding of drug use in dental treatment, including prescribing and the reporting of adverse drug reactions.

The curriculum is arranged as follows: cardiovascular drugs (cardiac drugs, anti-hypertensives, diuretics); pharmacology of the central nervous system (neuroleptics, antidepressants, anticonvulsants, anxiolytics and hypnotics); analgesics (peripheral and central); anaesthetics (local and general); drug delivery systems and prescribing; drug interactions and reporting of adverse drug reactions.

Textbook

Reference book

Periodontics (4-3936-3)
Dr Highfield
Classes Yr: (1 lec & 3 prac)/wk
Assessment one 2hr exam, one 1500w essay, one written case report, clinical work

Introduction, history and epidemiology; periodontal anatomy and physiology; occlusion; classification of periodontal disease; clinical features; aetiology; x-ray signs; pathology and treatment of the following periodontal disturbances: chronic marginal gingivitis, acute gingival disease, periodontitis, gingivosis, periodontosis, and occlusal trauma.

The student will be shown that the study of periodontics is central to all clinical dentistry. The
intimate relationship of periodontics to restorative dentistry will be stressed showing that the biological demands of restorative dentistry require a knowledge of periodontics. The student is shown that he or she is treating patients with periodontal disease as one aspect of their total dental needs and that all the dental needs are part of their total social environment.

Two semesters of instruction in clinical periodontics will be given, consisting of demonstrations and practical clinics in oral hygiene, preventive measures, diagnosis and treatment planning, and conservative and surgical management of chronic periodontal disease.

Textbook
J. Lindhe *Textbook of Clinical Periodontology* 2nd edn (Munksgaard, 1989)

Reference book
R.J. Genco *Contemporary Periodontics* (Mosby, 1990)

Fifth Year

Fifth Year studies will be carried out at the Dental Clinical School at Westmead Hospital. The course is supervised by the Board of Studies in Fifth Year.

**Oral Surgery (5-4893-3)**

Dr Kingon, Dr Punnia-Moorthy and others

*Classes* Sem 1: 1 lec/wk & clinical work; Sem 2: clinical work

*Assessment* one 3hr exam (mid-sem break)/Sem 1, one viva voce exam/Sem 2, continuous prac assessment

The main thrust of the Fifth Year course 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.

**Clinical Dentistry (5-4980-3)**

Dr Thomas, Dr Heffron and examiners from the clinical dental subjects

*Classes* lec, seminars, tut, prac and clinical: patient care at Westmead Hospital Dental Clinical School, United Dental Hospital, Royal Newcastle Hospital (both Hunter and Newcastle Hospitals)

*Assessment* continuous, written paper, viva voce exams at end of each semester

The course in clinical dentistry includes the subjects tooth conservation, endodontics, fixed and removable prosthodontics, oral surgery, orthodontics, pedodontics, periodontics, some elective subjects and a research project.

Clinical dentistry in Fifth Year comprises the clinical care of adult and child patients who require preventive management of the health of the teeth and supporting
tissues and general dental treatment including the conservation, restoration and replacement of teeth. The course follows the disciplines as listed above taught in First to Fourth Year.

The course gives the student experience in the practice of general dentistry and a range of procedures which would be consistent with those carried out by the general practitioner in dentistry.

The basis of this course is the provision of comprehensive dental care by students and the integration, as far as possible, of all aspects of the patient's needs for general and specialised treatment. To provide a broader medical perspective and to gain experience in different clinical and emergency situations, each student undertakes a week of general hospital residency, and a week in Newcastle Hospital Dental Clinic.

Continuing experience in the advanced aspects of clinical subjects covered in the earlier years of the course is provided.

Textbooks and reference books

- Removable Prosthodontics
  C.C. Ailing and P.E. Mahan *Facial Pain* 3rd edn (Lea & Febiger, 1991)
  C.O. Boucher et al. *Prosthodontic Treatment for Edentulous Patients* 10th edn (Mosby, 1990)
  V.F.L. McCracken McCracken's *Removable Partial Prosthodontics* 8th edn (Mosby, 1989)
  I.J. Klineberg *Occlusion: Assessment and Diagnosis* (Wright, 1991)
  I.J. Klineberg *Craniofacial Disorders and Orofacial Pain: Diagnosis and Management* (Wright, 1991)
  S.P. Ramjford and M.H. Ash *Occlusion* 3rd edn (Saunders, 1983)

Current literature:

  Australian Dental Association
  Journal of the American Dental Association
  Journal of Prosthetic Dentistry
  British Dental Journal

- Oral Surgery
  R.A. Dawson *Essentials of Dental Surgery and Pathology* (Churchill Livingstone, 1992)
  P. Banks Killey's *Fractures of the Mandible* (Wright, 1991)
  P. Banks Killey's *Fractures of the Middle Third of the Facial Skeleton* (Wright, 1987)
  S. Davidson *The Principles and Practice of Medicine* 16th edn (Churchill Livingstone, 1991)
  M.A. Lynch *Burket's Oral Medicine Diagnosis and Treatment* (Lippincott, 1984)
  MIMS Annual 1994 (IMS Publishing)

- Fixed Prosthodontics
  S.C. Brecker *Crowns* (Saunders)
  J.F. Johnston et al. *Modern Practice in Dental Ceramics* (Saunders)
  G.E. Myers *Textbook of Crown and Bridgework Prosthodontics* (Mosby)
  S.D. Tylman *Theory and Practice of Crown and Fixed Partial Prosthodontics* (Mosby)

- Tooth Conservation
  C.M. Staudenmayer *The Art and Science of Operative Dentistry* (Saunders)
  L.C. Schultz *Operative Dentistry* (Lea & Febiger)
  R.E. Blackwell *Black's Operative Dentistry* vols I & II (Medico Dental Pub.)
  E.L. Hampson *Textbook of Operative Dentistry* (Heinemann, 1973)
  U. Posselt *Physiology of Occlusion and Rehabilitation* (Blackwell)

- Endodontics
  G. Ellis and K.W. Davey *The Classification and Treatment of Injuries to the Teeth of Children* (Yearbook Pub.)
  J.J. Ingle and J.F. Taintor *Endodontics* (Lea & Febiger, 1985)
  S. Selzter and L.B. Bender *Dental Pulp: Biologic Considerations in Dental Procedures* (Lippincott, 1984)

Current literature:

  Journal of the American Dental Association
  The Australian Dental Journal
  British Dental Journal
  Journal of Prosthetic Dentistry

- Pedodontics

- Periodontics

Current literature:

  Journal of Clinical Periodontology
  Journal of Periodontology
  Periodontal Abstracts
  Journal of Periodontal Research

- Orthodontics
  (For reference books, see Fourth Year.)

Current literature:

  American Journal of Orthodontics
  Angle Orthodontist
  Australian Orthodontic Journal
  British Journal of Orthodontics
  European Journal of Orthodontics
  Journal of Clinical Orthodontics

- General
Electives (5-4982-3)
Board of Studies for Fifth Year and staff
An elective course embodying further study in one of the courses listed under resolutions of the Senate, Bachelor of Dental Surgery, sections 4, 5, or 6, may be undertaken.

Ethics and Professional Responsibility (5-4544-3)
Dr Dale
Classes Yr: 9 lec
Assessment one 2hr exam

The course 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 (i.e. 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.

Essential reference materials
Dentists Act and Regulations (N.S.W. Government, 1989)
Record of Decisions (Dental Board of N.S.W.)

Systemic Pathology (5-4303-3)
Dr Gibbins
Classes Sem 1: 1 lec/wk & 8 hrs of tut
Assessment one 3hr exam

The second component of a two-semester course in pathology is taught at the Clinical Dental School at Westmead Hospital. One lecture per week and 8 hours of seminars/tutorials cover relevant aspects of the pathology of the respiratory, cardiovascular, neuromuscular, skeletal, and hemopoietic systems.

Textbook
R.Z. Cotran et al. Pathological Basis of Disease (Saunders, 1989)
Infectious diseases
As a student in the Faculty of Dentistry you will be required to complete clinical training in the N.S.W. hospital system. While undertaking that clinical training, you will be subject to various guidelines and procedures laid down for other workers in the system by the N.S.W. Department of Health including guidelines and procedures relating to infectious diseases, such as HIV and Hepatitis B (HBV).

If you are not able to satisfy those guidelines and procedures because of your health status or for other reasons, there may be a problem as regards completion of your clinical training, and thus about successful completion of your course of study.

While the University is sympathetic to students in this type of situation, it is stressed that the development and implementation of guidelines and procedures relating to infectious diseases, within the health care system, is not a matter over which the University has direct control.

Further information about infectious diseases is available, in confidence, from the Faculty adviser: Dr John Gibbins, tel. 3513319.

This chapter of the handbook 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.

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 courses. 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 courses 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 the 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 completed at the University of Sydney or at another institution you must apply through the Universities Admissions Centre in accordance with the procedure outlined in the Undergraduate Prospectus, 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 courses 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 course 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 course in which you are enrolled
• discontinue a course
• 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 course. 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 courses 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 candidacy 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 course or year after the end of lectures in that course or year.

4. The Dean, Pro-Dean or a Sub-Dean 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 Courses

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

Withdrawal from Second Semester Courses

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

All Faculties, Colleges and Boards of Studies except the Faculty of Engineering

Discontinuation

7. (1) A discontinuation of enrolment in a course 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 course, or
   (b) up to the last day of the seventh week of teaching in a one-semester course.

   (2) A discontinuation of enrolment in a course shall be recorded as 'Discontinued' when the discontinuation occurs
   (a) after the Friday of the first week of Second Semester for a full-year course, or
   (b) after the last day of the seventh week of teaching in a one-semester course.

   (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 the 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 Dean's Office or from any of the dental supply companies.

Examinations

Periods

There are three formal examination periods.

<table>
<thead>
<tr>
<th>Period</th>
<th>when held</th>
<th>approximate duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>First semester</td>
<td>June</td>
<td>2-3 weeks</td>
</tr>
<tr>
<td>Second semester</td>
<td>November</td>
<td>3-4 weeks</td>
</tr>
<tr>
<td>Supplementary</td>
<td>December / January</td>
<td>2 weeks</td>
</tr>
</tbody>
</table>

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 in the Main Quadrangle.

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 course. 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 subject taken will be allotted one of the following grades at the annual examinations:
Supplementary examinations

General

Supplementary examinations are awarded by the Board of Examiners following in general the Senate resolutions. Because a candidate is expected to achieve a pass in all courses prescribed for that Year as a minimum requirement, supplementary examinations are regarded as privileges and not rights.

Subject to modification by the Board of Examiners in the light of certified illness or other misadventure, the following rules shall apply to the awarding of supplementary examinations for candidates for the degree of Bachelor of Dental Surgery:

Eligibility

(1) Subject to section (2), to be considered for a supplementary examination in a course or part of a course, a candidate must:

(i) have achieved an average mark of at least 50 per cent over all courses for that year;
(ii) have achieved a mark in that course of between 40 and 49 per cent;
(iii) have failed in not more than two courses in that Year;
(iv) have not failed in that course previously.

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

(2) (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) No further Supplementary Examination will be awarded following the award of a Supplementary Examination to Count as Annual.

(v) A student recommended for the award of a Supplementary Examination will not be permitted to sit for that examination where a result of Fail on the Year is recorded.

(vi) 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 Courses 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 Surgery seeking credit for an equivalent course completed previously or for exemption from re-enrolment in a course prescribed for the degree will normally be required to have achieved a result of Credit or higher in that course.

(2) Only in exceptional circumstances will exemptions from re-enrolment be granted in clinical courses.

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 course, 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 Statutes and Regulations 1994-95. You should acquaint yourself with the studies in which you are enrolled. 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, 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 courses.

Library

The Fairfax Reading Library, which is the Dentistry branch of the University of Sydney Library, is situated on the first floor of the Faculty Wing adjacent to the United Dental Hospital. It houses books, periodicals, pamphlets, reprints, etc. which belong to three sections, namely the University of Sydney Library, United Dental Hospital and Institute of Dental Research. The books and periodicals are on open access and are available to both staff and students. Library hours are 9.00 am to 5.00 pm, Monday to Friday. During semester, the library is open 9.00 am to 7.00 pm on Mondays and Wednesdays.

Students may borrow books for a period of two weeks. The usual borrowing rules are observed.

A large health sciences library has been established in Westmead Hospital and is available for use by medical and dental students training at the hospital.

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 object of the Association is to provide the means for expanding the interests of the students beyond the curriculum of the dental course and to maintain the traditions and faculty spirit that have always characterised the dental undergraduate body. The Association also facilitates a close liaison between students and staff of the Faculty.

The Association elects an executive and also representatives to the Students' Representative Council and the Outside Common Rooms Committee of the University Union. Thus the dental undergraduates are able to voice their opinions in the various university associations.

Regular meetings are held, at which general business in the interests of the Association is discussed, papers are read, and lectures given. Inter-faculty activities are arranged by the Association. Sporting and social functions are conducted, including the annual dental ball and the informal dance each term. The Articulator, the journal of the Association, is published annually.

The SUDUA operates a student cooperative which sells instruments at a reduced rate.

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 situated in the United Dental Hospital. It is an historical museum consisting of early dental instruments and equipment of a small nature and at the moment it is housed in cabinets outside the Fairfax Reading Library. It is hoped that in the future it will be enlarged to house large equipment and photographs and documents describing dental science and practice of the past.
The museum display can be inspected at any time the United Dental Hospital is open.

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

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, 52 Bridge Street, Sydney.

The Goldsworthy-Sullivan Memorial Prize
Established in 1962 by a donation from the Dental Alumni Society of the University of Sydney to endow a prize in memory of Dr N.E. Goldsworthy and Dr H.R. Sullivan. Awarded annually to the final year student proceeding to the degree of Bachelor of Dental Surgery who has been most proficient in the fields of oral biology and the entire degree course. The prize takes the form of a medal.

Port Dental Laboratories Prize
Established in 1979 by G.H. Port Dental Laboratories Pty Limited. Awarded annually to the final year candidate for the degree of Bachelor of Dental Surgery who shows the greatest proficiency in the subjects of operative dentistry and prosthetic dentistry, provided that the candidate's work is of sufficient merit. Value $250.

The Richard Belitho Bush Memorial Prize
Founded in 1969 by a bequest from the late Richard Belitho Bush. Awarded annually to a student studying dentistry at the University of Sydney, such prize to be awarded at the discretion of the Dean of the Faculty of Dentistry. Value $350.

Brigadier Gordon Rowell Prize
Donated by Brigadier A. Gordon Rowell, CBE, ED, QHDS. Awarded annually to a student in the final year of the course for the degree of Bachelor of Dental Surgery for proficiency in preventive dentistry. Value $130.

R.G. Schamshula Prize
Established in 1991 by a donation of $2500 from the Institute of Dental Research to honour Dr R.G. Schamshula, DDSc, a graduate of the Faculty of Dentistry and distinguished member of the Institute for 20 years, including eight years as Deputy Director. Awarded annually on the recommendation of the Dean of the Faculty of Dentistry to the student who presents the best research project as part of the summer vacation research project, provided that the work is of sufficient merit. A written report on the project, a supervisor's report and an oral presentation by the candidate will be taken into account. The prize shall take the form of a medal and a certificate.

The Winifred Nettie Ockenden Bequest
Established in 1970 by a bequest from the late E.E.M. Ockenden to provide short-term interest-free loans to a maximum value of $50. Preference is given to students in the Faculty of Dentistry.

Prizes for academic merit
The Faculty of Dentistry also awards a large number of prizes awarded automatically on the basis of academic merit.

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

First class honours and second class honours are awarded on graduation to students whose aggregate marks reach a certain standard. This aggregate is based on the work of the First, Second, Third, Fourth and Fifth years.

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.
Degree and diploma requirements

The regulations governing the degrees of Master of Dental Surgery, Master of Dental Science, Master of Science in Dentistry, Doctor of Dental Science, the Graduate Diploma in Public Health Dentistry and the Graduate Diploma in Clinical Dentistry, published in the University Statutes and Regulations 1994-95, are reproduced below. These 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. Some information on the degree of Doctor of Philosophy is also provided below.

Enquiries about postgraduate courses should be made to the Faculty Secretary.

Resolutions of the Senate

Master of Dental Surgery (MDS)

1. (1) An applicant for admission to candidature for the degree of Master of Dental Surgery shall:
   (a) except as provided in subsection (2) be a Bachelor of Dental Surgery of the University of Sydney; and
   (b) apply in writing to the Registrar for such admission to candidature and for the approval of the Faculty.

2. A candidate, unless exempted by the Faculty, shall pass an examination prescribed by the Faculty, not less than one year after admission to candidature and before complying with section 5.

3. The Faculty shall appoint a person who is a member of the academic staff of the University to act as supervisor of the candidate and may at its discretion appoint a suitably qualified person or persons as associate supervisor(s).

4. The Faculty shall review the progress of each candidate annually and on the recommendation of the head of the discipline concerned may terminate the candidature of any candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the degree.

5. A candidate for the degree shall, in some branch of dentistry approved by the Faculty:
   (1) undertake a critical review of the literature; and either:
   (a) undertake a research project and clinical instruction; or
   (b) undertake a course of clinical instruction;
   (2) pass an advanced examination and submit a treatise in the approved branch of dentistry.

6. A candidate shall complete the requirements for the degree in not less than three semesters and within not more than six years of enrolment.

7. The Faculty may deem time spent on work done towards another degree to be time spent as work done towards the degree of Master of Dental Surgery, provided the candidate has ceased to be a candidate for the other degree.

8. A candidate shall lodge three copies (printed or typewritten) of the treatise with the Registrar, in accordance with the Faculty resolution.

9. (1) The Faculty shall appoint two examiners, of whom at least one shall be an external examiner who may be a member of the part-time teaching staff of the Faculty.
   (2) The examiners shall report to the Faculty, which shall determine the result of the examination.

10. The degree shall not be conferred until two years after the conferring of the degree of Bachelor of Dental Surgery or its equivalent.

Master of Dental Science [MDSc(Discipline)]

1. The title of the degree shall include, in parenthesis, the discipline undertaken.

2. The degree of Master of Dental Science may be taken in the following disciplines:
   (a) Endodontics
   (b) Oral and Maxillofacial Surgery
   (c) Orthodontics
   (d) Paediatric Dentistry
   (e) Periodontics
   (f) Prosthodontics
   (g) Public Health Dentistry
   (h) Oral Medicine.

3. (1) An applicant for admission to candidacy for the degree of Master of Dental Science shall:
   (a) except as provided in subsection (2) be a Bachelor of Dental Surgery of the University of Sydney;
   (b) apply in writing to the Registrar for such admission to candidature and for the approval of the Faculty;
   (c) have completed at least two years' general dental practice experience; and
   (d) in the cases of disciplines (a), (b), (d), (e) and (f) in section 2, unless exempted by the Faculty, have satisfactorily completed the primary Fellowship Examination of the Royal Australasian College of Dental Surgeons, or its equivalent.
(2) A graduate in dentistry of another university or a candidate with equivalent qualifications obtained in an appropriate institution may, with the approval of the Faculty and the Academic Board, be admitted to candidature for the degree.

(3) The Faculty may admit an applicant to candidature on probation for a period not exceeding twelve months and at the end of that period shall review the work of the candidate and confirm or terminate the candidature.

(4) A candidate admitted to candidature on probation whose candidature is subsequently confirmed shall be deemed to have commenced candidature on the day of admission to candidature on probation.

4. A candidate for the degree shall:
   (1) unless exempted by the Faculty, pass an examination prescribed by the Faculty within the first year, and not less than one year before complying with section 8(1);
   (2) engage for not less than two years as a full-time student or its equivalent part-time in the University in a course of advanced study and research in a recognised specialist area, or other area of dentistry approved by the Faculty.

5. The Faculty may deem time spent on work done towards another higher degree by a candidate before admission to candidature for the degree of Master of Dental Science, to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the other degree.

6. The Faculty shall appoint a person who is a member of the academic staff of the University to act as supervisor of the candidate and may at its discretion appoint a suitably qualified person or persons as associate supervisor(s).

7. The Faculty shall review the progress of each candidate annually and on the recommendation of the head of the discipline concerned may terminate the candidature of any candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the degree.

8. (1) A candidate shall either submit a thesis embodying the results of research or an article reporting the results of research in a form suitable for publication in a refereed scientific journal and shall, in addition, pass an advanced examination as prescribed by the Faculty.
   (2) A candidate shall state in the thesis, generally in a preface and specifically throughout the thesis, the sources from which the information was derived, the extent to which the work of others has been used, and the portion of the work claimed to be original. The candidate shall not present as the thesis any work previously submitted for a degree of this or any other university, but may incorporate such work in the thesis, provided that the work so incorporated is indicated.
   (3) The candidate shall lodge with the Registrar three copies (printed or typewritten) of the thesis, in accordance with the Faculty resolution.

(4) The form of the article referred to in subsection (1) shall be as prescribed by the Faculty.

9. A candidate shall complete all specified requirements and, where indicated, all clinical requirements of the specialist program.

10. (1) The Faculty shall appoint two examiners, of whom at least one shall be an external examiner who may be a member of the part-time teaching staff of the Faculty.
   (2) The examiners shall report to the Faculty, which shall determine the result of the examination.

Master of Science in Dentistry (MScDent)

1. (1) An applicant for admission to candidature for the degree of Master of Science in Dentistry shall:
   (a) except as provided in subsection (2) be a Bachelor of Dental Surgery of the University of Sydney; and
   (b) apply in writing to the Registrar for such admission to candidature and for the approval of the Faculty.
   (2) A graduate in dentistry of another university or a candidate with equivalent qualifications obtained in an appropriate institution may, with the approval of the Faculty and the Academic Board, be admitted to candidature for the degree.

2. A candidate, unless exempted by the Faculty, shall pass an examination prescribed by the Faculty, not less than one year after admission to candidature and before complying with section 5(2).

3. The Faculty shall appoint a person who is a member of the academic staff of the University to act as supervisor of the candidate and may at its discretion appoint a suitably qualified person or persons as associate supervisor(s).

4. The Faculty shall review the progress of each candidate annually and on the recommendation of the head of the discipline concerned may terminate the candidature of any candidate who, in the opinion of the Faculty, has not shown evidence of sufficient progress towards the degree.

5. A candidate for the degree shall:
   (1) engage for a period of not less than two years as a full-time student, or its equivalent as a part-time student, in research in some branch of dentistry, approved by the Faculty; and
   (2) submit a thesis embodying the results of the research and may be required, at the discretion of the Faculty, to pass an advanced examination in a subject or subjects related to the work of the thesis.

6. The Faculty may deem time spent on research work done towards another higher degree by a candidate before admission to candidature for the degree of Master of Science in Dentistry to be time spent or work done after admission, provided the candidate has ceased to be a candidate for the other degree.

7. The candidate:
   (1) shall state in the thesis, generally in a
preface and specifically throughout the thesis, the sources from which the information was derived, the extent to which the work of others has been used, and any portion of the thesis which is claimed as original;

(2) shall not present as the thesis any work previously submitted for a degree of this or any other university but may incorporate such work in the thesis provided that the work so incorporated is indicated; and

(3) shall lodge with the Registrar three copies (printed or typewritten) of the thesis, in accordance with the Faculty resolution.

8. (1) The Faculty shall appoint two examiners, of whom at least one shall be an external examiner who may be a member of the part-time teaching staff of the Faculty.

(2) The examiners shall report to the Faculty, which shall determine the result of the examination.

9. The degree shall not be conferred until two years after the conferring of the degree of Bachelor of Dental Surgery or its equivalent.

Doctor of Dental Science (DDSc)

1. These resolutions apply to the following degree: Doctor of Dental Science.

2. (1) The Academic Board may, on the recommendation of the Faculty or Board of Studies concerned, award the appropriate degree of Doctor for published work which, in the opinion of the examiners, has been generally recognised by scholars in the field concerned as a distinguished contribution to knowledge or creative achievement.

(2) Without limiting the generality of subsection (1), the published work may be regarded as a distinguished contribution to knowledge if—

(a) it represents a significant advance in knowledge in its chosen field; or

(b) it has given rise to or is a major part of a significant debate in scholarly books and journals among recognised scholars in its chosen field; or

(c) it has directly given rise to significant changes in the direction of research or of practice of a newer generation of recognised scholars in its chosen field.

Application procedure

3. (1) An application for admission to candidature must satisfy the eligibility for admission criteria in sections 4, 5 and 6 and be considered under the preliminary assessment procedure specified in section 8 before being permitted to enrol as a candidate for the degree.

(2) An applicant should submit to the Registrar—

(a) an application which states the degree being applied for; gives details of academic qualifications held; and gives details of association with the University;

(b) a list of the published work which it is proposed to submit for examination; and

(c) a description of the theme of the published work and, where there is a large number of publications whose dates range over a period of time and which contain some range of subject matter, a statement of how these are related to one another and to the theme.

Eligibility for admission

4. (1) An applicant for admission to candidature for the degree of Doctor shall either have qualified for the award of a degree of the University of Sydney and have met the specific requirements of subsection (2), or shall satisfy the requirements of section 5.

(2) An applicant for the degree of Doctor of Dental Science must have qualified for the award of the degree of Bachelor of Dental Surgery.

5. (1) The Academic Board, on the recommendation of the faculty or board of studies concerned, may admit as a candidate for the degree of Doctor an applicant, not being a graduate of the University of Sydney, who—

(a) is either a graduate of another university or institution or is a person who is accepted by that faculty or board of studies and by the Academic Board as having standing equivalent to that required of a graduate of the University; and

(b) in the case of an applicant for the degree of Doctor referred to in section 4(2), is accepted by the Faculty or Board of Studies concerned as having standing equivalent to that required in that section; and

(c) has been a full-time member of the academic staff of the University for at least three years, or has had such a similar significant involvement with the teaching and research of the University as the Academic Board, on the recommendation of the Faculty or Board of Studies concerned, considers equivalent.

(2) A candidate admitted under section 4 must be a graduate of at least five years' standing before the degree of Doctor can be awarded.

(3) A candidate admitted under section 5 must have held the qualification by virtue of which he or she was admitted for at least five years before the degree of Doctor can be awarded.

Nature of work to be submitted

7. (1) The publications submitted for examination shall be a record of original research undertaken by the candidate, who shall state the sources from which the information was derived, the extent to which the work of others has been made use of, and the portion of the work claimed as original.
(2) The publications submitted for the degree of Doctor shall include at least one substantial work.

(3) If the publications submitted, whether published in the candidate's sole name or under conjoint authorship, record work carried out conjointly, the candidate shall state the extent to which the candidate was responsible for the initiation, conduct or direction of such conjoint research, however published.

(4) Where the principal publications, as distinct from any supporting papers, incorporate work previously submitted for a degree in this or in any other university, the candidate shall clearly indicate which portion of the publications was so submitted.

Preliminary assessment

8. (1) The Dean of the Faculty or chairperson of the Board of Studies concerned shall appoint, in respect of each application made, a committee normally comprising five persons being:
   (a) the Dean of the Faculty or chairperson of the Board of Studies concerned;
   (b) the Head of the Discipline and the professor most closely associated with the field of the applicant's work; and
   (c) other persons appointed by the Dean or chairperson.

   (2) The committee shall consider whether the applicant is eligible for admission to candidature, whether the published work is in a field appropriate for the nominated degree and which the faculty is competent to examine at that level and, if so, shall make an assessment of the prima facie worthiness for examination of the published work in terms of section 2 of these resolutions.

   (3) The committee, if it finds that a prima facie case exists, shall recommend to the Faculty or Board of Studies concerned that it recommend to the Academic Board—
   (a) the admission to candidature if not qualified under section 4; and
   (b) the appointment of at least three examiners of whom at least two shall be external examiners.

   (4) The Academic Board may appoint further examiners in addition to those recommended by the faculty or board of studies.

Enrolment

9. After the Academic Board has admitted the applicant, if necessary, and appointed examiners, the applicant shall submit to the Registrar five copies of the published work and of the description of the theme of the published work and shall enrol as a candidate at the next enrolment period.

Examination

10. (1) Each examiner shall make a separate report as to whether the published work meets the requirements as specified in section 2 of being generally recognised by scholars in the field concerned as a distinguished contribution to knowledge.

   (2) The reports of the examiners shall be considered by the committee appointed under section 8(1) and a recommendation made to the Faculty or Board of Studies concerned which shall take note of the terms of section 2 of these resolutions.

   (3) The Faculty or Board of Studies may—
   (a) recommend to the Academic Board that the degree be awarded;
   (b) recommend to the Academic Board that the degree not be awarded;
   (c) recommend to the Academic Board the appointment of a further examiner or examiners.

   (4) In making its report to the Academic Board under subsection (3), the Faculty or Board of Studies shall transmit the names of the examiners and the substance of their reports.

11. The Academic Board shall determine the result of the candidature.

12. On the award of the degree the Registrar shall lodge one bound copy of the published work with the University Librarian.

Graduate Diploma in Public Health Dentistry (DPH Dent)

1. (1) The Faculty of Dentistry may admits to candidature for the Graduate Diploma in Public Health Dentistry—
   (a) a graduate in dentistry of the University of Sydney; or
   (b) a graduate of the University of Sydney who has completed courses acceptable to the Faculty of Dentistry.

   (2) The Academic Board may, on the recommendation of the Faculty, admit to candidature an applicant who has completed courses acceptable to the Faculty and who—
   (a) is a graduate of another university; or
   (b) is registered or registrable as a dental practitioner in the country in which the dental qualifications were obtained and such qualifications have been approved by the Faculty for the purposes of the diploma.

2. The Faculty shall appoint a person who is a member of the academic staff of the University to act as supervisor of the candidate.

3. A candidate shall—
   (a) for a period of not less than one year as a full-time candidate or two years as a part-time candidate follow such course of studies as the Head of the Discipline of Public Health Dentistry prescribes, including Public Health, Dental Public Health and Preventive Dentistry;
   (b) pass examinations in the subjects of Public Health, Dental Public Health and Preventive Dentistry;
   (c) within such period after such examinations as the Faculty prescribes, submit two copies (printed or typewritten) of an
3. (1) An applicant for admission to
recommendation of the Head of the Discipline of
Public Health Dentistry.
5. The diploma shall be awarded in three grades,
namely Pass, Credit, Distinction.

Graduate Diploma in Clinical Dentistry
[DipClinDentFD/sc/p//nej]
1. The title of the diploma shall include in
parenthesis, the discipline undertaken.
2. The Graduate Diploma in Clinical Dentistry
maybe taken in the disciplines (a) Conscious Sedation
and Pain Control; (b) Oral Implants¹.
3. (1) An applicant for admission to
candidature for the Graduate Diploma in
Clinical Dentistry shall, except as provided in
subsection (2), be a Bachelor of Dental Surgery
of the University of Sydney.
(2) An applicant who is a graduate in
dentistry of another university or having
obtained equivalent qualifications in an
appropriate institution, has completed courses
acceptable to the Faculty may be admitted as a
candidate by the Academic Board on the
recommendation of the Faculty, provided that
the applicant's qualifications are registrable
with the Dental Board of New South Wales.
4. A candidate shall:
(1) (a) (Conscious Sedation and Pain
Control) for a period of not less than one
year and not more than five years, complete a course of studies of
five hundred hours as prescribed by the Faculty which may include
up to two hundred hours from
courses supervised by the
Committee for Continuing
Education in Dentistry; and
(b) (Oral Implants)¹
for a period of not less than one
year and not more than three years,
complete a course of studies of
five hundred hours as prescribed
by the Faculty; and
(2) complete all coursework and assignments and pass the examinations in the
approved courses.

Doctor of Philosophy (PhD)
The degree of Doctor of Philosophy is a research
degree awarded for a thesis considered to be a
substantially original contribution to the subject
concerned. Some coursework may be required (mainly
in the form of seminars) but in no case is it a major
component.

Applicants should normally hold a master's degree
or a bachelor's degree with first or second class honours
of the University of Sydney, or an equivalent
qualification from another university or institution.

The degree may be taken on either a full-time or
part-time basis.

In the case of full-time candidates, the minimum
period of candidature is two years for candidates
holding a master's degree or equivalent, or three years
in the case of candidates holding a bachelor's degree
with first class or second class honours; the maximum
period of candidature is normally five years.

Part-time candidature maybe approved for applicants
who can demonstrate that they are engaged in an
occupation or other activity which leaves them
substantially free to pursue their candidature for the
degree. Normally the minimum period of candidature
will be determined on the recommendation of the Faculty
but in any case it will not be less than three years; the
maximum period of candidature is normally seven years.

The Faculty may also require the candidate to sit for
any further examinations it determines.

Further information is available on request from the
Faculty Secretary.

Enrolment regulations
Discontinuation of enrolment and readmission
after discontinuation — postgraduate
All Faculties, Colleges, Boards of Studies and
Graduate Schools — all candidates
1. A candidate will be presumed to have
discontinued enrolment in a course, degree or diploma
from the date of application to the Faculty, College
Board, Board of Studies or Graduate School concerned,
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 who at any time discontinues
enrolment from a degree or diploma shall not be
entitled to re-enrol in that degree or diploma unless
the candidate is re-admitted to candidature for that
degree or diploma.
3. Subject to paragraphs (i) and (ii) of section 1,
candidates may not discontinue enrolment in a course
after the end of classes in that course, unless the
degree or diploma regulations permit otherwise.
4. The Dean, Pro-Dean or a Sub-Dean of a Faculty,
Director or Deputy Director of a College, a Chairperson
of a Board of Studies or a Chairperson of a Graduate
School may act on behalf of that Faculty, College
Board, Board of Studies or Graduate School in the
administration of these resolutions.

Candidates proceeding mainly by coursework
WITHDRAWAL FROM FULL-YEAR AND FIRST SEMESTER COURSES
5. A candidate for a degree or diploma who
continues enrolment in a full-year or First Semester
course on or before 30 March in that year, shall be
recorded as withdrawn from that course.

WITHDRAWAL FROM SECOND SEMESTER COURSES
6. A candidate for a degree or diploma who
continues enrolment in a Second Semester course
on or before 30 August in that year, shall be recorded
as withdrawn from that course.

¹ Subject to Senate approval
DISCONTINUATION

7. A candidate for a degree or diploma who discontinues enrolment in a course after the withdrawal period but before the end of classes in that course, shall be recorded as 'Discontinued with Permission' in that course, unless the degree or diploma resolutions permit otherwise.

Candidates proceeding mainly by thesis

WITHDRAWAL

8. A candidate who discontinues enrolment in a course or degree before the end of the fifth week of enrolment, shall be recorded as having withdrawn from that course or degree.

DISCONTINUATION

9. A candidate who discontinues enrolment in a course or degree after the end of the fifth week of enrolment shall be recorded as 'Discontinued with Permission'.

Course outlines

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

This course commenced in 1991. The program aims to train dental surgeons in a manner that will enable them to provide safe sedation in dental practice so that otherwise unmanageable patients may be successfully treated. It consists of ten weeks' full-time intensive tuition spread in weekly or fortnightly blocks over one or two years, and is supplemented by assignments to be undertaken at other times. Two of the ten weeks are devoted to lectures, and the remaining eight are spent in the operating theatre together with practical instruction in advanced local analgesia, relative analgesia and dental intravenous sedation. The lectures are predominantly given by members of the Department of Anaesthetics at Westmead Hospital, experienced practising dental sedationists, and the Department of Anatomy at the University of Sydney. The time spent in the operating theatre is supervised by specialist anaesthetists and provides experience in relevant techniques (e.g. intravenous cannulation) and is designed overall to equip the candidate to manage collapse in the dental surgery. The dental sedation sessions are supervised by a range of appropriately experienced practitioners, and the candidate provides the sedation under guidance. Many of these practitioners are long-standing members of the Australian Society of Dental Anaesthesiology which actively participated in the establishment of the diploma and originally provided courses in sedation techniques. After two weeks of lectures, a written examination must be successfully completed prior to embarking on the practical phase of the course. Assessment thereafter is continuous, being augmented by periodic oral examination.

Staff involved Dr Kingon

Graduate Diploma in Clinical Dentistry (Oral Implants)

The aim of this course is to train general dental practitioners in surgical and restorative aspects of oral implant restoration. The program operates as block sessions for clinical and seminar instruction, with completion of assignments and literature review outside the block sessions. The course is conducted over three semesters, and comprises six full-time sessions, one of which is 2 weeks in duration with the remainder each being 1 week. Participants in the program are expected to provide two patients suitable for single tooth, anterior short span bridge or mandibular overdenture restoration. The full-time block sessions incorporate lectures, tutorial sessions, and seminar sessions with input from participants, plus supervised laboratory and clinical sessions for the remaining time. The self-directed coursework outside the block sessions is for completion of assignments (literature reviews and seminar preparation), and patient maintenance in the participants' own offices. Total time is estimated to be approximately 500 hours. Assessment is continuous during the coursework, together with assessment of specific assignment work, and a final assessment comprising written and viva voce examinations and clinical presentation. This Diploma is a limited attendance program with a maximum of 8 candidates. The course is coordinated by Dr S.K. Lechner (Head, Discipline of Removable Prosthodontics) within the Faculty's School of Dental Studies; teaching is provided by Implant Centre personnel, experienced practitioners from private practice, and some Faculty staff members.

Staff involved Prof. Klineberg, Assoc. Prof. C. Thomas, Dr Lechner, Dr Murray, Dr G. Thomas, Dr Au

Master of Dental Surgery (MDS — Prosthodontics)

The degree is taken by clinical instruction and a critical review of literature with or without an additional research project. The written work is known as a treatise and an advanced examination at the end of the course must be passed. The subject matter can cover any aspect of Prosthodontics but the clinical coursework will be restricted to removable Prosthodontics including aspects of implantology.

Staff involved Prof. Walker, Dr Punni-Moorthy, Dr Coombs, Dr Kingon

Master of Dental Science (MDS (Oral and Maxillofacial Surgery)]

This is a part requirement to satisfy the Dental Board of N.S.W. specialist registration criteria. It has to be completed prior to the candidate sitting for the Fellowship of the Royal Australasian College of Dental Surgeons in Oral and Maxillofacial Surgery. The candidate shall be engaged in not less than two years full-time or equivalent part-time course of advanced study and research within the specialist area.

Staff involved Prof. Walker, Dr Punni-Moorthy, Dr Coombs, Dr Kingon
Master of Dental Science [MDSc (Orthodontics)]
This three-year full-time course is designed to prepare dentists who wish to limit their future practice to orthodontics. The course takes an average of four to five new students each year and provides academic, research and clinical training and experience in specialist orthodontics.

Staff involved Prof. Sims, Dr Snow

Master of Dental Science [MDSc (Paediatric Dentistry)]
The program is a three-year full-time course of advanced study and research designed to prepare candidates for a career in paediatric dentistry at a specialist level, as well as providing the basis for a career in academia and research.

The program offers a broad scope for acquisition of scientific knowledge and research skills, and provides specialised education and training within the discipline.

Specialist supervised clinical training is provided through registrar appointments within the Department of Paediatric Dentistry, Westmead Hospital Dental Clinical School.

Staff involved Dr Widmer

Master of Dental Science [MDSc (Periodontics)]
The graduate program in periodontics is a three-year part-time training program designed to prepare candidates for a career in specialist (periodontist) practice, as well as providing the basis for a career in academia or research.

The program is structured to provide a broad coverage in scientific knowledge and clinical development, and offers flexibility in the core component (pre-clinical sciences) to accommodate the special research needs of each candidate.

Specialist supervised clinical training is provided through registrar appointments within the Department of Periodontics, Westmead Hospital Dental Clinical School.

Staff involved Dr Highfield, Dr Yeung, Assoc. Prof. Daly

Master of Dental Science [MDSc (Prosthodontics)]
This is a specialisation program taking place over three years of full-time study. Candidates are employed in registrar posts with the Department of Health at Westmead Hospital Dental Clinical School. The course consists of clinical coursework, seminar programs and a research project. A final examination must be passed and a treatise submitted which may take the form of a bound volume or a paper suitable for publication in a refereed journal.

The subject matter covers removable Prosthodontics including complete and partial dentures, overdentures, implantology, maxillofacial Prosthodontics, fixed Prosthodontics, tooth conservation, endodontics, periodontics, radiology, dental materials, orofacial pain and craniomandibular disorders, clinical photography, precision attachments, occlusion and neuroscience, and orthodontics. There is also a core subjects program which is shared by other MDsc students and which contains topics of general importance such as biostatistics, behavioural sciences, pharmacology, oral microbiology and immunology, cariology, pulp biology and other courses necessary as a foundation for building the appropriate knowledge and skills.

Success in this course leads to registration as a specialist prosthodontist with the Dental Board of N.S.W. after a period of two years of public practice experience under supervision and the submission of a log of suitably documented cases.

Staff involved Dr Au, Dr Baetz, Assoc. Prof. Barratt, Prof. Bryant, Dr Duckmanton, Dr Hawthorn, Dr Hawkins, Dr Heard, Dr Kah, Dr Jackson, Prof. Klineberg, Dr Lechner, Dr Martin, Dr Murray, Dr Pearlman, Dr Roberts, Dr Roessler, Assoc. Prof. C. Thomas, Prof. Walker, Assoc. Prof. Walton

Master of Dental Science [MDSc (Public Health Dentistry)]
This two-year course comprising coursework and research is designed to prepare dentists for specialist practice in the area of public health dentistry. Students concentrate their studies in dental public health, preventive dentistry and public health. Special areas of study include survey and evaluation, dental needs and resources and financing of dental care.

Staff involved Assoc. Prof. Barnard, Dr Sivaneswaran

Master of Science in Dentistry (MScDent — Oral Surgery)
This is a research degree of two years full-time or part-time equivalent in an allied discipline to Oral and Maxillofacsial Surgery. The thesis shall state the extent of work derived from other sources and that portion which shall be original.

Staff involved Prof. Walker, Dr Punnia-Moorthy, Dr Coombs, Dr Kingon

Master of Science in Dentistry (MScDent — Prosthodontics)
This program requires two years of full-time research. A first year examination may be required as a test of basic knowledge. An advanced examination may also be required but the main requirement will be a thesis resulting from a research project. The topic will be any aspect of removable Prosthodontics which may be broadly identifiable as complete dentures, partial dentures, implants, maxillofacial Prosthodontics, biomaterials or occlusion/neuroscience.

Staff involved Prof. Klineberg, Assoc. Prof. C. Thomas, Dr Lechner, Dr Murray, Dr G. Thomas, Dr Mori
Committee for Continuing Education in Dentistry

Chair: Director Continuing Education   Associate Professor Michael C. Kafarias

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 500 courses have been conducted, and 1995 is the Continuing Education Unit’s 47th year of operation. The courses range from short courses of half-day duration to longer courses conducted over a number of days, either lumped 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 'hands on' 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, United Dental Hospital, 2 Chalmers Street, Surry Hills, N.S.W. 2010.

Postgraduate scholarships

The table following summarises the scholarships available to postgraduates in the Faculty of Dentistry. Values and closing dates are subject to change and potential applicants are advised to contact the Scholarships Office, Holme Building, for further information.

Scholarships offered by external bodies
Graduates in dentistry may also apply for the following awards offered by external bodies:
- The Rhodes Scholarship
- The Nuffield Foundation Dominion Travelling Fellowship
- The Gowrie Postgraduate Research Scholarships
- The Rotary Foundation Fellowships
- Commonwealth Scholarships, tenable in other British Commonwealth countries under the Commonwealth Scholarship and Fellowship Plan
- Caltex Woman of the Year Scholarships

All postgraduate scholarships are advertised in the Administrative Bulletin which is available in departments or from the Scholarships Office.

<table>
<thead>
<tr>
<th>Award</th>
<th>Value $</th>
<th>Applications close</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tenable at the University of Sydney</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australian Postgraduate Awards</td>
<td>14 961</td>
<td>15 Oct.</td>
<td>Graduates with Hons I or equivalent enrolling for a higher degree</td>
</tr>
<tr>
<td>National Health and Medical Research Council Dental Research Scholarships</td>
<td>21528</td>
<td>23 June</td>
<td>Graduates enrolled for higher degrees</td>
</tr>
<tr>
<td>Harriett Beard</td>
<td>15 500</td>
<td>Nov.</td>
<td>Graduates in the physical sciences, veterinary science, dentistry or engineering of not more than 4 years' standing.</td>
</tr>
<tr>
<td>Award</td>
<td>Value</td>
<td>Applications close</td>
<td>Qualifications</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Charles Gilbert Heydon Travelling Fellowship in Biological Science.</td>
<td>10 500</td>
<td>Nov.</td>
<td>Graduates in Faculties of Medicine, Science, Dentistry, Veterinary Science and Agriculture of not more than 4 years' standing.</td>
</tr>
<tr>
<td>Herbert Johnson Travel Grants</td>
<td>1000</td>
<td>31 May</td>
<td>Graduates who hold other travelling scholarships or grants.</td>
</tr>
<tr>
<td>James King of Irrawang (travel grant)</td>
<td>1000</td>
<td>31 May</td>
<td>Graduates of any faculty of not more than 4 years' standing.</td>
</tr>
<tr>
<td>Oral B Travel Grant</td>
<td>up to 5000</td>
<td>as advertised</td>
<td>Dental graduates wishing to examine developments overseas in preventive dentistry.</td>
</tr>
<tr>
<td>J.B. Watt</td>
<td>15 500</td>
<td>Nov.</td>
<td>First class honours graduates in any faculty.</td>
</tr>
<tr>
<td>Eleanor Sophia Wood Travelling Fellowship</td>
<td>up to 35 000 (taxable)</td>
<td>Nov.</td>
<td>Graduates with at least 3 years' research or teaching at University of Sydney.</td>
</tr>
</tbody>
</table>
Appendix: Explanation of symbols for courses of study

Symbols may have been used in the courses of study chapter in the handbook as a succinct way of presenting teaching and assessment information. Because of the varied nature of the work described and occasional difficulties in interpretation and typesetting, such details are not construed as a firm undertaking. Students are advised to check details with the departments concerned. The significance of symbols used is as follows:

Hypothetical examples of symbols used

<table>
<thead>
<tr>
<th>Title of course</th>
<th>Actual lecturers</th>
<th>Allied studies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Double Dutch 1</strong></td>
<td>Assoc. Prof. Holland, Dr Nederlands</td>
<td><strong>AKn</strong> HSC German</td>
</tr>
<tr>
<td><strong>Classes</strong> Yr: (3 lec &amp; 1 tut)/wk</td>
<td>Assessment one 3hr exam, two 2000w essays/sem, 4 tut papers/sem</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title of course</th>
<th>Actual lecturers</th>
<th>Allied studies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8766 Star Wars 5</strong></td>
<td>Dr Lazer, Ms Gunn</td>
<td><strong>Prereq</strong> 7653 Coreq Intro. Media Manipulation</td>
</tr>
<tr>
<td><strong>Classes</strong> Sem 1: (2 lec &amp; 3 tut/prac)/wk; Sem 2: (2 lec &amp; 2 tut/prac)/wk</td>
<td>Assessment one 3hr exam/sem, classwork</td>
<td></td>
</tr>
</tbody>
</table>

Examples

**Classes**

<table>
<thead>
<tr>
<th>Classes</th>
<th>Yr: (2 lec &amp; 3 tut/prac)/wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attended</td>
<td>1 lab/wk, 3 hrs/sem</td>
</tr>
<tr>
<td>Assessment</td>
<td>one 3hr exam/sem, one 3000w essay/sem, one 3000-word essay for the course, or two 2000-word essays per semester</td>
</tr>
</tbody>
</table>

**Exams, essays, etc.**

<table>
<thead>
<tr>
<th>Frequency</th>
<th>per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>/wk</td>
<td></td>
</tr>
<tr>
<td>/fn</td>
<td></td>
</tr>
<tr>
<td>/sem</td>
<td></td>
</tr>
<tr>
<td>/yr</td>
<td></td>
</tr>
</tbody>
</table>

**Allied studies**

**AKn**

Assumed knowledge

**Prereq**

Prerequisite (you must have passed the indicated prerequisite before you start the course)

**Coreq**

Corequisite (you must enrol in this course at the same time unless you have already passed it)

**Type of class contact/assessment**

class, class contact of any form
lab, laboratory
lec, lecture
prac, practical
tut, tutorial
exam, examination
tut paper, tutorial paper

**Duration**

hr, hour
Sem 1, Semester 1
Sem 2, Semester 2
Yr, throughout the year