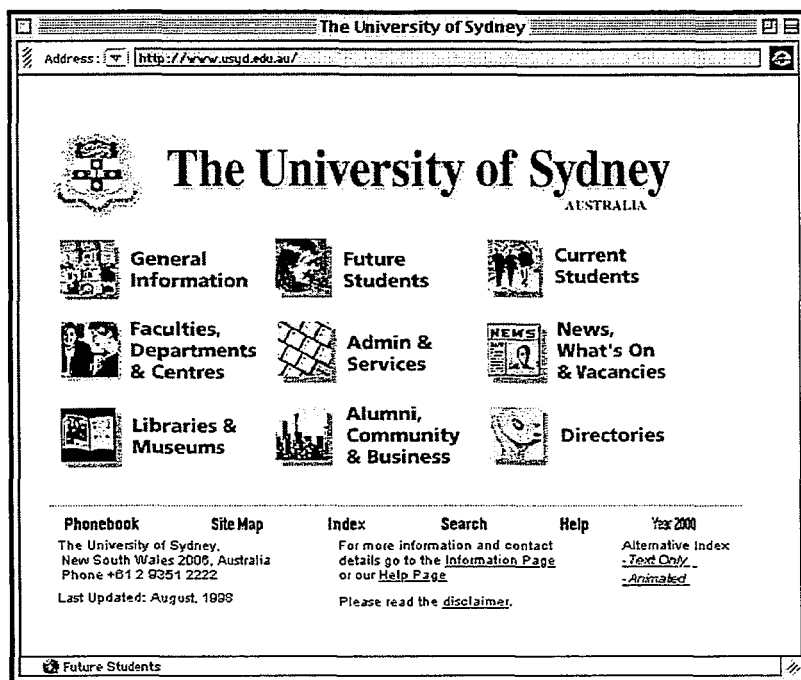




The University of Sydney

Faculty of Dentistry Handbook 1999



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

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

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

Communications should be addressed to:

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

United Dental Hospital of Sydney
Phone (02) 9351 8349, fax (02) 9211 5912

Westmead Centre for Oral Health
Phone (02) 9845 7192, fax (02) 9845 2893

University semester and vacation dates 1999

Academic year information (*Academic Board policy and dates 1998-2002*) is available at:
http://www.usyd.edu.au/su/planning/policy/acad/3_0aca.html

	Day	Date (1999)
First Semester lectures begin	Monday	1 March
Easter recess		
Last day of lectures	Thursday	1 April
Lectures resume	Monday	12 April
Study vacation: 1 week beginning	Monday	14 June
Examinations commence	Monday	21 June
First Semester ends	Saturday	3 July
Second Semester lectures begin	Monday	26 July
Mid-semester recess		
Last day of lectures	Friday	24 September
Lectures resume	Tuesday	5 October
Study vacation: 1 week beginning	Monday	8 November
Examinations commence	Monday	15 November
Second Semester ends	Saturday	4 December

Last dates for withdrawal or discontinuation 1999

	Day	Date (1999)
<i>Semester 1, 1999</i>		
Last day to Add a unit	Friday	12 March
Last day for Withdrawal (no HECS liability, no academic penalty)	Tuesday	30 March
Last day to Discontinue with Permission (HECS liability incurred; no academic penalty)	Friday	17 April
Last day to Discontinue (HECS liability incurred; result of 'Discontinued' recorded)	Friday	11 June
<i>Semester 2, 1999</i>		
Last day to Add a unit	Friday	6 August
Last day for Withdrawal (no HECS liability, no academic penalty)	Monday	30 August
Last day to Discontinue with Permission (HECS liability incurred; no academic penalty)	Friday	10 September
Last day to Discontinue (HECS liability incurred; result of 'Discontinued' recorded)	Friday	5 November

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

Edited by Carole Price and Natalie Shea.

The University of Sydney Faculty of Dentistry Handbook 1999

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

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Introduction

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

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

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

United Dental Hospital and Westmead Hospital

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

Faculty Office

The Faculty Office answers questions about:

- University regulations
- Faculty rules, procedures and the like
- postgraduate study, by graduates of this or other universities.

The Faculty Office is located in the Faculty Building, Level 3, at the United Dental Hospital of Sydney.

Dean's Office

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

Disciplines

There are thirteen Disciplines within the Faculty of Dentistry: Biomaterials Science, Endodontics, Fixed Prosthodontics, Occlusion, Oral and Maxillofacial Surgery, Oral Biology, Oral Pathology and Oral Medicine, Orthodontics, Paediatric

Dentistry, Periodontics, Public Health Dentistry, Removable Prosthodontics, Tooth Conservation. Interdisciplinary coursework is also provided in Dental Technology and Oral Health; Oral Diagnosis and Radiology; and the Clinical Dentistry unit of study in Fifth Year.

Noticeboards

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

Postgraduate study

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

Master of Dental Surgery
Master of Dental Science
Master of Science in Dentistry
Doctor of Dental Science
Doctor of Philosophy

Graduate Diploma in Public Health Dentistry

Graduate Diploma in Clinical Dentistry.

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

Further enquiries should be made to the Faculty Office.

Faculty of Dentistry semester and vacation dates

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

Semester	Begins	Recess	Lectures end	Study vacation	Exams commence
<i>First & Second Year</i>					
March Semester	1 March	2-9 April	11 June	14-18 June	21 June
July Semester	26 July	27 Sep - 1 Oct	5 November	8-12 November	15 November
<i>Third Year</i>					
March Semester	11 February	2-9 April	11 June	14-18 June	21 June
July Semester	19 July	27 Sep - 1 Oct	5 November	8-12 November	15 November
<i>Fourth Year</i>					
March Semester	27 January	2-9 April	11 June	14-18 June	21 June
July Semester	19 July	27 Sep - 1 Oct	5 November	8-12 November	15 November
<i>Fifth Year</i>					
March Semester	25 January	2-9 April	12 June	15-19 June	22 June
July Semester	26 July	28 Sep - 2 Oct	6 November	9-13 November	16 November

Message from the Dean

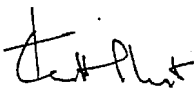
Welcome to the Faculty of Dentistry at the University of Sydney. I hope you will find your time with us to be a student-friendly preparation for a rewarding career in a close-knit and supportive profession.

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

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

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

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



Keith S Lester, Dean.





CHAPTER 1

Staff

Faculty

Dean

Keith S. Lester

Pro-Dean

Cyril J. Thomas

Associate Deans

D. Murray Walker (Postgraduate Studies)

Gregory M. Murray (Research)

Arm E. Sefton (Curriculum Coordination)

Deborah Cockrell (Human Resources and Marketing)

Office of the Dean

Administrative Assistant to the Dean

vacant

Faculty Manager

Hugh V. Wilson, BEc

Finance Accountant/Resources Officer

Reuben Karunaikumar, ACMA U.K.

Admissions Officer

Jean C. Pitkin, BA GradDip Asian Studies N.E.

Postgraduate Student Administrator

Tracy Moloney, BA U.N.S.W.

Administrative staff

Ann Barron

Natalie Shea, BA DipEd BMus

Margaret Thomas

Attendant

Kevin Wylie

Continuing Education

Director

Dell Kingsford-Smith

Administrative Assistant

vacant

Professor of Oral Biology

vacant

Professor of Prosthodontics

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

Professor of Oral Pathology

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

Professor of Conservative Dentistry

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

Australian Society of Orthodontists (NSW Branch) Inc.

Professor of Orthodontics

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

Professor of Biomaterials Science

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

Associate Professor

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

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

Associate Professor (Fractional)

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

Senior Lecturers

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

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

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

Ward L. Massey, BDSc Adel. PhD

Gregory M. Murray, PhD Tor. MDS, FRACDS

*Carole A. Price, GradDipHed U.N.S.W. MDS (Oral Health,
Dental Technology)

Graham A. Thomas, BDS, FRACDS FPFA FICD

Geoffrey Wright, BDS Sheff. Dip.Orth R.C.S., FDSRCS

Hans Zoellner, BDS PhD

Senior Lecturers (fractional)

Hyun-Gon Peter Chung, DDS MScDentSci Korea

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

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

*Anthony P. Martin, MDS FRACDS (Endodontics)

Animugam Punnia-Moorthy, BDS Sri Lanka PhD Lond.,
FDSRCS FFDRC SI

Senior Research Fellows

Neil Hunter, BDS PhD

*Nick Jacques, BSc PhD (Oral Biology)

Toshio Sumii, BDSc PhD Tokyo Dent. Coll.

Lecturers

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

Deborah Cockrell, BDS Birm., FDSRCP SGlas

Stephen Cox, BDS MScDent, FRACDS

Lecturers (fractional)

Anthony R. Au, MDSc, FRACDS FADI

David Barnard, MDSc Melb. BDS

Theodor Baisi, BDS MDSc

Peter Barwick, BDS Otago MSD CertOrth Wash.

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

Antonia M. Scott, BDS

Shanti Sivaneswaran, BDS Mysore CertHealthEcon Monash
MDS DPHDent

Luke Villata, MS Aarhus BDS

Research Fellow

Derek W.S. Harry, BSc Kent PhD Birm.

Associate Lecturers (fractional)

Shalinie Gonsalkorale, BDS

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

Markijan M. Hupaloo, BDSc Qld MDSc

Amanda Law, BDS

Danny Low, BDS MSc(Dent)

Mary L. Moss, BDS

Juliette M. Scott, BDS

S. Rajah Selvarajah, BDS

Joanna Seppelt, BDS

Wymin Yuen, BDS

Professional Assistant

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

Senior Research Assistant

Kamal Wanigaratne

Senior Technical Officers

Stephen M. Green

Michael Jean-Louis

Ken Tyler

Robert Underdown

Technical Officers

Janice Matthews

Ksenija Rechan, CDT

Administrative Staff at Westmead Hospital

Dental Clinical School

Tracey Bowerman

Marty Darragh

Rebecca Granger

Alexis Jarvis

Frances Porter

Joan Tasker

*Technical Officers at Westmead Hospital
Dental Clinical School*
Michael Mazic
Justyna Miziewicz

Honorary part-time staff

Clinical Professor

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

Clinical Associate Professors

*Geoffrey M. McKellar, BSc *Qld* MSc *Melb.* DOS
R.A.C.D.S., FRACDS (Oral and Maxillofacial Surgery)
Terry Walton, MS *Mich.* MDS, FRACDS
Stephen Yeung, MDS *Adel.* PhD *N'cle (N.S.W.)*, FRACDS
Adjunct Associate Professors
John Dale, AM, LLB *U.N.S.W.* DDS *Tor.* MDS, FRACDS
FICD FADI

Norton Duckmanton, RFD, MDS, FRACDS
Chris J.G. Griffiths, AM RFD, BDS DPHDent, LDS(Vic)
James K. Hawkins, MDS, FRACDS FICD
Robin Hawthorn, MDS
Robert D. MitcheU, MDS, FRACDS(OMS)
Toshiko Mori, PhD
Braham Pearlman, BDS MScDent *Boston*
Richard P. Widmer, MDS *Melb.*, FRACDS LDS(Vic)
Robin G. Woods AM, BDS, FICD FRACDS

Honorary Associate Professor

Peter D. Barnard, MPH *Mich.* MDS DDS, FRACDS FICD
FAPHA

Clinical Senior Lecturers

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

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Janet E. Benson, MCLinPsych *Macq.* BA
Susan Buchanan, BSc *Melb.* MDS, FRACDS
Harold C. Champion, BDS
Peter Duckmanton, BDS MDS, FRACDS
Hayfa Hadi, BSc *Baghdad* MDS *Leeds* BSc *Adel.*
Josephine Kenny, MHA *U.N.S.W.* BDS
Peter L. King, MDS
Peter G. Kramer, BDS
Morag Paton, BDS DipPhysEd *Edin.*
Alan Reid, BDS
Leesa Rix, BDS MDS, FRACDS
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William Saunderson, BDS MDS
Mark Schifter, BDS MDS
John Sheedy, BDS
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Bevan Nylund, RN

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Barbara Z. Reid, BDS
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Lindy Sank, BSc DipTherDietetics
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Alan J. Templeman, BDS
Hilary M. Thomas, BDS
Quang Tran, BDS
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Specialist Clinical Associates
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Franciskus B. Tan, MDS, FRACDS
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 R. Geoffrey W. Cook, BDS
 David J. Cox, BDS *Qld*
 Robert Dalby, BDS
 Cong K Dao, BDS
 Clarence de Silva, BDS *Adel.*
 Andrew J. Draper, BDS *Qld*
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 John K. Fung, BDS
 Christopher C. K. Ho, BDS
 Stephen R. James, BDS
 Arjun Jeganathan, BDS *India* BDS *Adel.*
 Navin Kander, *BSc A.N.U.* BDS *Sc Melb.*
 Chakravarty Kapila, BDS *Punjabi*
 Matthew Keats, BDS
 Sean Kebriti, BDS
 Homer Kefaladelis, BDS *Witw.*
 Deborah W. Kwan, BDS
 Russell C. Lain, BDS
 Pavel Lapardin, BDS
 Dennis Law, BDS
 Eugene Lee, GradCertMngmt *U.T.S.* BDS
 Willard Lee, BDS
 Ian Lemmey, BDS
 Kenny Lok, BDS
 Robert Mackay, BDS
 David G. Millington, BDS
 James V.T. Ngo, BDS
 Geoffrey I. Parsons, BDS, FICD
 Jenny Quach, BDS
 Chaitan S. Roopra, BDS
 Bradley J. Russ, BDS
 David A. Sheen, MHP *U.N.S.W.* BDS
 Ilyong Son, BDS
 Vivienne J. Stewart, BDS
 Yvonne Y.W. Sum, BDS
 Leigh W. Sutherland, BDS
 Jon C. Taratoris, BDS
 Brett L. Taylor, BDS
 John Tsun, BDS
 Claro M.S. Villon, BDS
 Kim M. Wagstaffe, BDS
 Manes C. Wanigesekera, BDS
 Phillip G.C. Whalley, BDS
 Sam M.C. Yeung, BDS
Clinical Tutor
 Behzad Habibi, BDS, FRACDS
Other honorary clinical staff
 (Title pending)
 Estelle Aroney
 David Bachmayer
 Andrew Barry
 Santosh Bassi
 Joseph Bleakley
 David Buckley
 Helen Carey
 Johnny Chan
 Maria Chmielowiec
 Yuen-Teng Cho
 Margaret Chow
 Catherine Collins
 Richard Conway
 Penny Elliott

Mehri Eshraghi
 Matthew Foo
 Ken Harrison
 Vanessa Hoang
 Dylan Hyam
 Grace Lee
 Andrea Lenard
 Sook-Ling Leong
 Peter Lewis
 Timothy Lin
 Yvonne Lo
 Mark Lo Schiavo
 Gregory D. Mahoney
 Ken Marshall
 Stuart McCrostie
 Patrick Mehanna
 Atul Mehta
 Diana Mruk
 Svetlana Nikova
 Ted Peel
 Mark Priestly
 Anis Rajwani
 Bramara Rudrakumar
 Sashi Rutnam
 Dianne Sainsbury
 Christine Simpson
 Stephen Travis
 Vijay R. Tumuluri
 Adrian Vertoudakis
 Michael P. Walker
 Vy Wong
 Zu-PynYang
 Ian Young
 Wendy Yu

From other faculties

Professors

Ian D. Catteron, BSc MB BS PhD, FRACP (Human Nutrition)
 Clive G. Harper, MD BS, FRCPA (Pathology)
 Robert Hewitt, BSc PhD (Science)
 Stephen Leeder, BSc(Med) MBBS PhD, FRACP FFPHM
 FAFPPHM (Medicine)
 *J. Paul Seale, PhD *Lond.*, FRACP (Pharmacology)
 R. Gerry Wake, MSc PhD, FAA (Biochemistry)

Reader

*John Gibbins, MDS PhD (Pathology)

Associate Professors

David F. Davey, BSc PhD *McG.* (Physiology)
 *Raymond Kearney, BSc PhD *Qld* (Infectious Diseases)
 Ewan Mylecharane, BPhann *Vic.I.C.* BSc PhD *Melb.*
 (Pharmacology)
 Cedric D. Shorey, MSc PhD, CGIA FCGI (Anatomy and
 Histology)

Directors of First Year Studies

*Mary Peat, BSc *Birm.* PhD *Brist.* (Biological Sciences)
 *Julia M. James, BSc PhD *Lond.* (Chemistry)

Senior Lecturers

Mary A. Pegler, MSc, FASM (Infectious Diseases)
 *Michael A.W. Thomas, DPhil *Oxf.* BSc (Biochemistry)

Lecturers

Robin Arnold, MSc (Anatomy and Histology)
 *Miriam Frommer, PhD *Lond.* BSc (Physiology)
 *Rosemary Millar, BSc *Qld* MEd (Physics)
 Bill Phillips, BSc PhD (Physiology)
 *M. Anne Swan, BSc PhD (Anatomy and Histology)

Other staff

Honorary Curator, Dental Alumni Society Museum
 Sydney Levine, OAM, MDS, FRACDS
Honorary Assistant Curator, Dental Alumni Society Museum
 Anthony O'Meara, BDS MDSc

Guide to the Faculty

General information

Degrees and diplomas in the Faculty

The Faculty of Dentistry provides educational programs at both the undergraduate and postgraduate level. These courses prepare the students for the general practice of dentistry, specialisation, research, teaching or dental administration. There are two undergraduate degrees, the degree of Bachelor of Dental Surgery (BDS) and the degree of Bachelor of Science (Dental) (BSc(Dent)). There are 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 (MDS). The Faculty also offers the degrees of Doctor of Philosophy (PhD) and Doctor of Dental Science (DDSc), the Graduate Diploma in Public Health Dentistry (GradDPHDent) and the Graduate Diploma in Clinical Dentistry (GradDipClinDent).

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

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

The field of dentistry

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

This responsibility involves consideration of 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 and maxillofacial surgery, oral medicine, periodontics, dental public health, prosthodontics and paediatric dentistry.

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

Research

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

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

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

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

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

Westmead Centre for Oral Health

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

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

Aboriginal Medical Service

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

Institute of Dental Research

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

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.

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 the Institute of Dental Research. 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 Disciplines of the Faculty of Dentistry;
 - (b) the Deans of the Faculties of Medicine and Science;
 - (c) the Heads of the Schools of Biological Sciences, Chemistry and Physics or their nominees;
 - (d) the Heads of the Departments of Anatomy and Histology, Biochemistry, Infectious Diseases, Pathology, Pharmacology and Physiology or their nominees and up to two full-time members of the academic staff of each of those departments who are responsible for teaching dental students, nominated biennially by the Head of the Department;
 - (e) the Boden Professor of Human Nutrition;
 - (f) not more than eight part-time members of the teaching staff in the disciplines of the Faculty of Dentistry elected by the Faculty, with not more than two members being elected from any one discipline;
 - (g) full-time members of the research staff of the disciplines of the Faculty of Dentistry and of the Institute of Dental Research who hold appointments of Research Fellow and above;
 - (h) persons upon whom the title of Clinical Professor, Adjunct Professor, Clinical Associate Professor, Adjunct Associate Professor, Clinical Senior Lecturer, or Clinical Lecturer has been conferred in accordance with the resolutions of the Academic Board;
 - (i) not more than five students elected in the manner prescribed by resolution of the Senate;
 - (j) the President of the Dental Health Education and Research Foundation and the President of the Faculty of Dentistry Foundation within the University of Sydney;
 - (k) the General Superintendent of Westmead Hospital;
 - (l) the Director of Dental Services at Westmead Hospital and the Director of Dental Services at the United Dental Hospital;
 - (m) the Director of the Institute of Dental Research;
 - (n) the Chief Dental Officer of the Department of Health of New South Wales;
 - (o) one nominee of each of the Royal Australasian College of Dental Surgeons and the Australian Dental Association (New South Wales Branch);
 - (p) such other persons as may be appointed by the Faculty on the nomination of the Dean, for such period as determined by the Faculty; and
 - (q) such other persons as may be appointed by the Faculty as Honorary Members of Faculty on the nomination of the Dean, for such period as determined by the Faculty, in accordance with resolutions adopted by the Faculty at its meeting on 10 November 1995.
2. The election of members pursuant to section 1(f) shall be held at the last meeting of the Faculty in each alternate year and the members so elected shall hold office from 1 January of the year following their election until the next election but continuously with their membership of the part-time teaching staff.

Student membership of the Faculty

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

- (a) the President of the Sydney University Dental Undergraduates' Association, provided he or she is a student enrolled for a degree or diploma in the Faculty of Dentistry (ex officio),

- (b) one student enrolled for a postgraduate degree or for a diploma in the Faculty of Dentistry, provided that if there is no nomination of a postgraduate student the vacancy may be filled by an undergraduate student,
- (c) three other students.

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

Students may also become members of other university bodies.

History of the Faculty

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

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

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

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

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

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

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

Apart from the medical members, the Department of Dental Studies consisted of seven dental staff:

The Instructor in Mechanical Dentistry

N.A. Gray

Three lecturers in Surgical Dentistry

N.S. Hinder, DDS

N.B. Pockley, DDS

R. Fairfax Reading, MRCSEd

Three lecturers in Mechanical Dentistry

A.H. MacTaggart, DDS

A.C. Nathan, DDS

H.S. duVemet, DDS

In 1905 the Senate established the degree of Bachelor of Dental Surgery; and a curriculum of four years' duration was approved for this purpose. Special arrangements were made to permit students holding the Licence of Dentistry to be admitted to the degree after a year of further study. In 1906 the first candidates were admitted to the degree of Bachelor of Dental Surgery. There were thirteen candidates for the degree, including two women. Following its establishment, the Board of Dental Studies continued to plan for the eventual development of a Faculty of Dentistry. In 1910 the board proposed that a degree of Doctor of Dental Science, similar to the degree of Doctor of Medicine, be established in the University of Sydney. In 1920 the generosity of the McCaughey benefaction made possible the establishment of several new Faculties in the University, including a Faculty of Dentistry. The first meeting of the Faculty of Dentistry, at which seven members were present, was held on 8 July 1920, and Dr Fairfax Reading was elected first Dean.

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

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

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

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

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

The 1930s saw an increase of interest in dental research, and the NSW and Commonwealth Governments provided funds to the Faculty for this purpose. In 1936 the Faculty resolved to extend the curriculum of four years for the BDS

degree into a fifth year. The degree became a full five-year course in the 1960s following a visit of inspection by the General Dental Council of the United Kingdom.

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

In the 1940s the staff of the Faculty was considerably strengthened. In the early part of the decade three lecturers were appointed, and later three positions of senior lecturer were established in the fields of dental pathology (1947), preventive dentistry (1948) and operative dentistry (1948). Subsequently, in 1954 and 1955, three associate professors in these fields were appointed. An additional lecturer in operative dentistry was appointed in 1952. In 1947 the Postgraduate Committee in Dental Science was established, to promote and develop programs of continuing education for the dental profession.

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

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

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

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

The Faculty of Dentistry of the University of Sydney is 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 and 1997, new Faculty structures were introduced. There are no longer four Departments with Departmental Heads and Disciplines grouped within Departments. Instead, Disciplines within the Faculty have been identified, each under the general supervision of a Head of Discipline, with the Deputy Dean exercising some of the responsibilities normally assigned to Department Heads. Directors of Years are appointed to coordinate coursework for each year and Unit of Study Coordinators are responsible for individual units of study in each year.

In keeping with the principle of continuing evaluation and development, a complete review of the curriculum is currently in progress.

Undergraduate degree requirements

Bachelor of Dental Science (BDS) curriculum

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

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

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

Regulations

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

Bachelor of Dental Surgery

1. (1) A unit of study shall consist of lectures, seminars or tutorials, together with such clinical and laboratory instruction or practical work, exercises or essays as may be prescribed by the Faculty.
(2) In these resolutions, the words 'to complete a unit of study' and derivative expressions mean:
 - (a) to attend all lectures, seminars or tutorials, and clinical and laboratory instruction;
 - (b) to complete satisfactorily the practical work, exercises or essays if any; and
 - (c) to pass the examinations in the unit of study.
2. (1) An examination shall be held for each of the prescribed units of study for the degree.
(2) At each examination a candidate may be required to give proof of the candidate's knowledge by practical or viva voce examinations, and the results of such tests may be taken into account in determining the results of the examinations.
3. A candidate for the degree shall, during the First Year, complete the following units of study:
 - (1) Physics
 - (2) Chemistry
 - (3) Biology
 - (4) Histology and Embryology
 - (5) Biochemistry
 - (6) Oral Anatomy and Oral Health
 - (7) Dental Technology.
4. A candidate for the degree shall, during the Second Year, complete the following units of study:
 - (1) Anatomy
 - (2) Biochemistry
 - (3) Histology
 - (4) Physiology
 - (5) Materials Science
 - (6) Tooth Conservation
 - (7) Removable Prosthodontics (Preclinical)
 - (8) Oral Health
 - (9) Professional Communication.
5. A candidate for the degree shall, during the Third Year, complete the following units of study:
 - (1) Infectious Diseases
 - (2) Pathology
 - (3) Tooth Conservation
 - (4) Removable Prosthodontics
 - (5) Periodontics
 - (6) Oral Biology
 - (7) Oral Diagnosis and Radiology
 - (8) Occlusion
 - (9) Endodontics
 - (10) Fixed Prosthodontics
 - (11) Pharmacology
 - (12) Oral Surgery (Local Anaesthesia and Exodontia)
 - (13) Orthodontics.
6. A candidate for the degree shall, during the Fourth Year, complete the following units of study:
 - (1) Tooth Conservation
 - (2) Fixed Prosthodontics
 - (3) Endodontics
 - (4) Removable Prosthodontics
 - (5) Preventive Dentistry
 - (6) Oral Surgery
 - (7) Oral Pathology and Oral Medicine
 - (8) Surgery
 - (9) Pharmacology and Therapeutics
 - (10) Anaesthesia
 - (11) Oral Diagnosis and Radiology
 - (12) Periodontics
 - (13) Orthodontics.
7. A candidate for the degree shall, during the Fifth Year, complete the following units of study:
 - (1) Oral Surgery
 - (2) Clinical Dentistry
 - (3) Electives
 - (4) Ethics and Professional Responsibility
 - (5) Systemic Pathology.
8. Except by permission of the Dean of the Faculty, no candidate shall be allowed to sit for any yearly examination unless the requirements as specified by the Faculty for that year have been completed.
9. Except with the permission of the Faculty, no candidate shall be permitted to enrol in any units of study prescribed for the Second or subsequent Years of candidature unless that candidate has completed all the requirements of the previous Year as specified by the Faculty for that Year.
10. Candidates who have completed all units of study for the degree to the satisfaction of the Faculty may be recommended to the Senate for the degree of Bachelor of Dental Surgery.
11. Except with the permission of the Faculty, all requirements for the degree shall be completed within nine calendar years from the date of first enrolment in the Faculty.
12. First Class or Second Class Honours may be awarded at graduation.
13. If a candidate graduates with First Class Honours and the Faculty is of the opinion that the candidate's work is of sufficient merit, that candidate shall receive a bronze medal.

14. A candidate who had been enrolled for the degree of Bachelor of Dental Surgery but has not re-enrolled for a period of one year shall complete the requirements for the degree under such conditions as the Faculty may determine.
15. Where a unit of study for the degree is no longer available, a candidate shall complete instead such other unit or units of study as the Faculty may by resolution prescribe.

Bachelor of Science (Dental)

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

Units of study

Disclaimer

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

Curriculum

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

Recommended books for units of study

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

First Year

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

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

DENT 1007 Physics

8 credit points

Dr Juris Ulrichs

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

Textbooks

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

Physics 1 Laboratory Handbook and Experiment Notes, School of Physics, 1996

CHEM 1403 Chemistry

8 credit points

Dr Raymond Pierens

Offered: March and July. Classes: 41 Inorganic and Physical and 27 Organic lectures, ten 3 hour practicals and 27 tutorials. Assessment: Exams at end of each semester, laboratory exercises and quizzes in March semester.

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

Text books

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

DENT 1002 Biology

7 credit points

Dr Susan Franklin

Offered: March. Classes: 3 lectures and 4 practicals per week. Assessment: One 3 hour exam, one 1.5 hour practical exam, assignment, practical class work.

This unit of study (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 35 lectures and 13 four-hour laboratory sessions.

Textbooks

Solomon, E P et al., Human Anatomy and Physiology, 2nd edition, Saunders College Publishing, 1990

Notes to accompany lectures will be issued as appropriate.

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

DENT 1005 Histology and Embryology

4 credit points

Dr Anne Swan

Offered: July. Classes: 1 lecture and 2 practicals per week. Assessment: One 1 hour theory exam, one 1 hour practical exam, practical books may be assessed.

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

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

(See under Second Year for details of the continuation of this unit of study.)

Textbooks

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

DENT 1001 Biochemistry

3 credit points

Dr Michael Thomas

Offered: July. Classes: 3 lectures per week and 5 tutorials. Assessment: One 0.5 hour exam (mid-semester), one 3 hour exam.

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

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

Textbooks

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

or

Elliott, W H and Elliott, D C, Biochemistry and Molecular Biology, Oxford, 1997

or

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

Preliminary reading

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

DENT 1006 Oral Anatomy and Oral Health

6 credit points

Dr Carole Price and others

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

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

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

Reference books

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

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

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

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

DENT 1004 Dental Technology

12 credit points

Dr Carole Price

Offered: March and July. **Classes:** 1 lecture and 4 practicals per week in March Semester; 1 lecture and 3 practicals per week in July Semester. **Assessment:** One 1.5 hour theory exam in July Semester, one 3.5 hour practical exam per semester.

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

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

Textbooks

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

Price, C A, A Laboratory Manual for Dental Technology, 5th edition, Personalised Arty Facts, 1998

Second Year

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

DENT 2001 Anatomy

12 credit points

Dr Fiona Stewart

Offered: March and July. **Classes:** 3 lectures and 6 practicals/tutorials per week in March Semester; 3 lectures and 3 practicals per week in July Semester. **Assessment:** One 1 hour theory exam per semester, and one 1 hour practical exam per semester, student feedback and viva voce assessments throughout each semester.

This unit of study provides Dentistry students with their fundamental training in anatomy and neuroanatomy of the head, neck and thorax and with skills of dissection relevant to their later surgical training. Lectures are integrated with the dissections. Emphasis is given to particular areas of dental anatomy which are clinically relevant.

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

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

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

Textbooks

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

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

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

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

plus

Netter, F H, Atlas of Human Anatomy, Novartis

or

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

Reference books

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

Williams, P L, Gray's Anatomy, 38th edition, Churchill Livingstone, 1995

DENT 2002 Biochemistry

4 credit points

Dr Michael Thomas

Offered: March and July. **Classes:** 2 lectures per week in March Semester and four 5 hour practicals; 2 lectures per week in July Semester. **Assessment:** One 2 hour exam per semester, one 0.5 hour theory of prac exam in March Semester.

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

Textbooks

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

or

Elliott, W H and Elliott, D C, Biochemistry and Molecular Biology, Oxford, 1997

or

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

Reference books

Alberts, B et al., Molecular Biology of the Cell, 3rd edition, Garland, 1995

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

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

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

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

DENT 2003 Histology

6 credit points

Dr Anne Swan

Offered: March and July. **Classes:** 1 lecture and 2 practicals per week in March Semester; 2 lectures and 3 practicals per week in July Semester. **Assessment:** One 1 hour theory exam per semester, one 1 hour practical exam per semester; practical books may be assessed.

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

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

Textbooks

March Semester

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

July Semester

Ten Cate, A R, Oral Histology. Development Structure and Function, 4th edition, Mosby, 1994

DENT 2006 Physiology

6 credit points

Dr Miriam Frommer

Offered: March and July. **Classes:** 3 lectures and 2 tutorials/practicals per week. **Assessment:** One 3 hour exam per semester, one essay per semester, oral and written tests on practical class work.

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

Textbooks

Rhoades, R and Pflanzner, R, Human Physiology, 3rd edition, Saunders College Publishing, 1996

or

Berne, R M and Levy, M N, Principles of Physiology, Mosby, 1990

DENT 2004 Materials Science

1 credit point

Prof Michael Swain

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

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

Textbooks

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

Reference books

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

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

McCabe, J F, Applied Dental Materials, Blackwell

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

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

DENT 2008 Tooth Conservation

6 credit points

Prof Roland Bryant, Dr Mary Moss, Dr Wymin Yuen and others

Offered: March and July. **Classes:** 2 lectures and 3 practicals per week in March Semester; 1 lecture and 3 practicals per week in July Semester. **Assessment:** One 3 hour exam in March Semester, one 2 hour exam in July Semester, two 2.5 hour practical exams per semester.

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

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

Textbooks

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

Pitt Ford, T R, The Restoration of Teeth, Blackwell, 1992

DENT 2007 Removable Prosthodontics (Preclinical)

8 credit points

Dr Greg Murray

Offered: March and July. **Classes:** 1 lecture and 3 practicals per week in March Semester; 2 practicals/seminars per week in July Semester. **Assessment:** One 2 hour exam in July Semester, three 2 hour practical exams, class work.

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

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

Textbooks

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

Reference books

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

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

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

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

DENT 2005 Oral Health

5 credit points

Dr Catherine Groenlund

Offered: March and July. **Classes:** 1 lecture and 3 tutorials/practicals per week. **Assessment:** One 2 hour exam in July Semester, continuous clinical, project, survey, case presentation.

This is a preclinical and clinical unit of study 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

Adler, R B et al., Interplay. The Process of Interpersonal Communication, 4th edition, Saunders College Publishing, 1989

- Frandsen, A, Mechanical Oral Hygiene Practices State-of-the Science Review (Chapter 4); from Dental Plaque Control Measures and Oral Hygiene Practices, eds Loe, H and Kleinman, D V, Oxford, 1986
- Lindhe, J, Textbook of Clinical Periodontology, 2nd edition, Munksgaard, 1989
- Weinstein, P et al., Oral Self-care: Strategies for Preventive Dentistry, 3rd edition, University of Washington Continuing Dental Education, 1991

DENT 2005 Professional Communication

0 credit points

Dr Catherine Groenlund

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

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

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

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

Third Year

University Main Campus: Infectious Diseases, Pathology.
United Dental Hospital: all other Third Year units of study.

DENT 3003 Infectious Diseases

5 credit points

AProf Raymond Keamey and others

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

A unit of study of 52 lectures and 26 practical classes is given during the March Semester. Approximately 24 hours are devoted to self-directed learning by students where the format consists of essay topics and student-presented tutorials on set topic assignments.

The unit of study 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.

Textbooks

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

DENT 3009 Pathology

5 credit points

Dr John Gibbins

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

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

Textbooks

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

DENT 3013 Tooth Conservation

5 credit points

Dr Ward Massey, Dr Danny Low and others

Offered: March and July. **Classes:** 1 lecture and 3 clinics per week. **Assessment:** One 1 hour exam per semester, one 1 hour slide exam in July Semester, two 2 hour practical exams in July Semester, clinical work.

The unit of study provides experience in the clinical care of patients who require simple counselling for tooth conservation or

simple restoration of coronal tooth structure. The lectures and practical classes add to the knowledge and skill required to provide such care.

The unit of study includes a 12 hour segment on behavioural science (in co-ordination with the Faculty of Medicine) to improve the students' ability in patient management skills.

Textbooks

Pitt Ford, T R, The Restoration of Teeth, Blackwell, 1992

DENT 3012 Removable Prosthodontics

5 credit points

Dr Graham Thomas

Offered: March and July. **Classes:** 9 lectures and 33 practicals/clinics in March Semester; 5 lectures, 2 tutorials and 39 practicals/clinics in July Semester. **Assessment:** One 2 hour exam in March Semester, one 3 hour exam in July Semester, practical and clinical classwork.

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

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

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

Textbooks

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

Reference books

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

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

DENT 3010 Periodontics

5 credit points

Dr Luke Villata

Offered: March and July. **Classes:** 20 lectures, and 3 tutorials/practicals per week. **Assessment:** One 2 hour exam in July Semester, one 2.5 hour practical exam in July Semester, continuous clinical, two case presentations, one 1500 word essay.

This unit of study 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 planing); assessment of host response in the healing of gingival and periodontal tissues; and evaluation of effectiveness of initial periodontal therapy.

Textbooks

Lindhe, J, Textbook of Clinical Periodontology, 2nd edition, Munksgaard, 1989

Reference books

Genco, R J, Contemporary Periodontics, Mosby, 1990

Rateitschak, K H et al., Color Atlas of Dental Medicine 1. Periodontology, 2nd edition, Thieme, 1989

DENT 3005 Oral Biology

1 credit point

Dr Nick Jacques and others

Offered: March and July. Classes: 4 lectures and four 2 hour practicals in March Semester; 3 lectures per week in July Semester. Assessment: One 3 hour exam in July Semester.

A series of 39 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.

Textbooks

Marsh, P and Martin, M, Oral Microbiology, 3rd edition, Chapman & Hall, 1992

Reference books

Brock, T D et al., Biology of Microorganisms, 7th edition, Prentice-Hall, 1994

Roitt, I, Essential Immunology, 9th edition, Blackwell, 1997

Roitt, I and Lehner, T, Immunology of Oral Diseases, 3rd edition, Blackwell, 1992

DENT 3006 Oral Diagnosis and Radiology

2 credit points

Dr Malcolm Coombs and others

Offered: March and July. Classes: 14 lectures and 3 practicals in March Semester; 13 lectures and 9 practicals in July Semester. Assessment: Two 3 hour exams in July Semester.

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

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

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

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

Textbooks

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

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

Langland, O E et al., Panoramic Radiology, 2nd edition, Lea & Febiger, 1989

DENT 3004 Occlusion

3 credit points

Dr Anthony Au and others

Offered: March and July. Classes: 9 lectures, 9 tutorials and 5 practicals in March Semester; 9 lectures in July Semester. Assessment: One 3 hour exam in July Semester, class work, assignment.

This is a preclinical and clinical unit of study designed to study aspects of the human stomatognathic system. The practical pro-

gram integrates the anatomical, physiological and histological information related to this system, with that presented in the basic units of study in Second Year. The following information will be included:

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

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

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

Textbooks

Ash, M H and Ramfjord, S P, An Introduction to Functional Occlusion, Saunders, 1982

Dubner, R et al., The Neural Basis of Oral and Facial Function, Plenum Press, 1978

Klineberg, I J, Occlusion: Assessment and Diagnosis, Wright, 1991

Klineberg, I J, Craniomandibular Disorders and Orofacial Pain: Diagnosis and Management, Wright, 1991

Ramfjord, S P and Ash, M H, Occlusion, 4th edition, Saunders, 1994

DENT 3001 Endodontics

5 credit points

Dr Tony Martin and others

Offered: March and July. Classes: 1 lecture and 1 practical per week. Assessment: One 1 hour exam per semester, preclinical work.

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

Textbooks

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

DENT 3002 Fixed Prosthodontics

5 credit points

Dr Jim Ironside

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

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

Textbooks

Shillingburg, H T, Fundamentals of Tooth Preparations,

Quintessence, 1987

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

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

DENT 3011 Pharmacology

1 credit point

Prof Paul Seale and others

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

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

Textbooks

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

Reference book

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

DENT 3007 Oral Surgery (Local Anaesthesia and Exodontia)

5 credit points

Dr Deborah Cockrell and others

Offered: Local Anaesthesia: March. Exodontia: July. Classes: Local Anaesthesia: 10 lectures, 3 tutorials and 3 practicals. Exodontia: 15 lectures, 12 practicals and 12 tutorials. Assessment: Local Anaesthesia: one 1 hour exam. Exodontia: one 2 hour exam.

Local Anaesthesia

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

Exodontia

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

Textbooks

Local Anaesthesia:

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

Reference book

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

Exodontia:

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

DENT 3008 Orthodontics

1 credit point

Dr Theo Baisi

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

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

- by non-directive questioning, obtain the patient's assessment of his/her own orofacial characteristics which may reveal concern about malocclusion or malposition of the teeth that the patient desires to be changed;

- employ a systematic clinical examination of the positions and occlusion of the teeth and health status of oral tissues of a patient, identifying deviations from normal, acceptable and healthy states for that patient;
- relate features of physiognomy of any patient to positions and occlusion of the teeth of that patient;
- offer preliminary advice on the general management of deviations from normal, acceptable and healthy oral health states.

Reference books

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

Fourth Year

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

DENT 4014 Tooth Conservation

5 credit points

Prof Roland Bryant, Dr Ward Massey and others

Offered: March and July. Classes: 1 lecture and 5 clinics per week in March Semester; 1 lecture and 3 clinics per week in July Semester; and 6 seminars. Assessment: One 2 hour exam in March Semester, one 1.5 hour exam in July Semester, one 3 hour practical exam per semester, clinical work.

Experience is obtained in the clinical care of patients who primarily require the conservation or restoration of teeth. The unit of study includes lectures and seminars which add to the knowledge and skills required to undertake more complex procedures in providing this care. A short 18-hour practical course on the advanced uses of composite resin for anterior and posterior teeth is held under clinical simulation conditions.

Textbooks

Pitt Ford, T R, The Restoration of Teeth, Blackwell, 1992

DENT 4003 Fixed Prosthodontics

6 credit points

Dr Jim Ironside and others

Offered: March and July. Classes: 30 lectures, 100 practicals/clinics and 18 seminars. Assessment: One 1 hour exam per semester, major essay, seminar participation, clinical work.

Lectures and practical classes cover the principles of the design and construction of fixed appliances, including implants, which replace missing teeth, the properties and manipulation of dental porcelains, advanced techniques for the restoration of defects in individual teeth, and treatment planning for the patient requiring a more complex type of care.

Textbooks

Shillingburg, H T, Fundamentals of Tooth Preparations,

Quintessence, 1987

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

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

DENT 4002 Endodontics

5 credit points

Dr Tony Martin and Dr David Barnard

Offered: March and July. Classes: 1 lecture and 2 clinics per week. Assessment: One 1 hour exam in March Semester, one 1.5 hour exam in July Semester, clinical work.

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

Textbooks

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

Reference book

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

DENT 4012 Removable Prosthodontics

5 credit points

AProf Sybille Lechner

Offered: March and July. **Classes:** 1 lecture and 6 practicals/clinics per week. **Assessment:** One 3 hour exam in July Semester, class work.

A two-semester unit of study comprising 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 re-line procedures.
- removable partial dentures: diagnosis and treatment planning; design; tooth modification; aesthetic consideration.

Textbooks

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

Reference books

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

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

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

DENT 4019 Preventive Dentistry

2 credit points

AProf Peter Barnard, Dr Shanti Sivanewaran

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

The unit of study aims to provide the student with an understanding of: prevention in dentistry 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; dental health attitudes, beliefs and behaviour; interpersonal communication and dentist/patient relationship; and dental health education.

Textbooks

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

Reference books

Adler, R B et al., Interplay. The Process of Interpersonal Communication, 4th edition, Saunders College Publishing, 1989

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

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

Dunning, J M, Principles of Dental Public Health, 4th edition, Harvard University Press, 1986

Kent, G G and Blinkhara, A S, The Psychology of Dental Care, 2nd edition, Wright, 1991

DENT 4006 Oral Surgery

6 credit points

Dr Debbie Cockrell and others

Offered: March and July. **Classes:** 1 lecture per week, 6 tutorials and 6 practicals. **Assessment:** One 2 hour exam in March Semester, continuous class work.

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

Practical work is carried out in the Oral Surgery Clinic where students gain experience in minor oral surgical procedures. Students extend their experience in local anaesthesia and exodontia

and are taught how to work in conjunction with specialist anaesthetists where general anaesthesia is required.

Diagnostic and oral surgery clinics are conducted regularly.

Textbooks

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

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

Reference book

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

DENT 4005 Oral Pathology and Oral Medicine

3 credit points

Prof Murray Walker

Offered: March and July. **Classes:** 1 lecture per week and twelve 2 hour problem-based learning sessions in March Semester; 1 lecture per week and fifteen 2 hour problem-based learning sessions in July Semester. **Assessment:** One 2 hour exam in March Semester, one 3 hour exam in July Semester.

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

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

Textbooks

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

Soames, J V and Southam, J C, Oral Pathology, 2nd edition, Oxford, 1993

Reference book

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

DENT 4020 Surgery

2 credit points

Dr Nicholas Packham

Offered: March and July. **Classes:** 1 lecture per week.

Assessment: One 2 hour exam in July Semester.

A unit of study comprising lectures is given, devoted mainly to the general principles of surgery and medicine. The following topics are covered: general hospital organisation and procedures; patient evaluation; principles of inflammation, haemorrhage, shock, electrolyte balance, management of wounds and burns, and plastic surgery; head injuries; common general surgical conditions; surgical emergencies; and tumour treatment. Particular emphasis is placed on the thorax, head and neck, surgical anatomy, systemic diseases and their relationship with diseases of the oral cavity, salivary glands, thyroid gland, tracheotomy, and cleft lip and cleft palate.

Textbooks

Ellis, H and Calne, R Y, Lecture Notes on General Surgery, 8th edition, Blackwell, 1993

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

DENT 4018 Pharmacology and Therapeutics

2 credit points

Prof Paul Seale and others

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

This unit of study, consisting of 13 lectures and 2 problem-solving sessions, is a continuation of the Third Year unit of study in Pharmacology. Its aim is to provide a general understanding of drug use in medicine, and a more detailed understanding of drug use in dentistry. Also discussed is prescription writing. The unit

of study is arranged as follows: antidiabetic drugs, cardiovascular drugs, drugs which affect the central nervous system, analgesics, and anticoagulants. Drug interactions are also discussed. The problem-solving sessions will cover drugs used in emergencies and cardiovascular disorders.

Textbooks

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

Reference book

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

DENT 4016 Anaesthesia (Local and General)

2 credit points

Local Anaesthesia: Dr Debbie Cockrell and others. General Anaesthesia: Dr George Boffa

Offered: Local Anaesthesia: March and July. General Anaesthesia: July. **Classes:** Local Anaesthesia: 12 clinics per semester. General Anaesthesia: 9 lectures. **Assessment:** Local Anaesthesia: one 2 hour exam in March Semester. General Anaesthesia: one 1 hour exam.

Local Anaesthesia

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

General Anaesthesia

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

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

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

Textbooks

Local Anaesthesia

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

Reference book

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

General Anaesthesia

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

DENT 4017 Oral Diagnosis and Radiology

2 credit points

Dr Malcolm Coombs and others

Offered: March and July. **Classes:** Three 3 hour tutorials and five 2.5 hour clinics in March Semester; one 3 hour tutorial and five 2.5 hour clinics in July Semester. **Assessment:** One 2 hour exam in July Semester, one 1 hour practical exam in July Semester, assignment, continuous clinical.

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

Textbooks

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

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

Langland, O E et al., Panoramic Radiology, 2nd edition, Lea & Febiger, 1989

DENT 4009 Periodontics

5 credit points

Dr John Highfield

Offered: March and July. **Classes:** 1 lecture and 3 clinics per week.

Assessment: One 2 hour exam in July Semester, practical exams in July Semester, one 1500 word 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; and pathology and treatment of the following periodontal disturbances: chronic marginal gingivitis, acute gingival disease, periodontitis, gingivostomatitis, 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.

Textbooks

Lindhe, J, Textbook of Clinical Periodontology, 2nd edition, Munksgaard, 1989

Reference book

Genco, R J, Contemporary Periodontics, Mosby, 1990

DENT 4007 Orthodontics

3 credit points

Dr Geoff Wright

Offered: March and July. **Classes:** 15 lectures, 20 tutorials/practicals and 22 clinics. **Assessment:** One 1.5 hour exam in July Semester, six case histories, two treated cases, one poster, class work.

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

Students will participate in demonstrations, with technical exercises.

Reference book

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

Fifth Year

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

DENT 5004 Oral Surgery

12 credit points

Clin AProf Geoff McKellar and others

Offered: March and July. **Classes:** 1 lecture per week, 11 tutorials and 54 clinics in March Semester; 8 tutorials and 51 clinics in July Semester. **Assessment:** One 3 hour exam in mid-semester break in March Semester, one viva voce exam in July Semester.

The main thrust of the Fifth Year unit of study is to provide a firm grounding in the basic skills of oral surgery, thus enabling students to develop understanding and proficiency in minor oral surgery at general dental practitioner level, and to bridge the gap between dentist and specialist oral surgeon.

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

Recommended reading

Banks, P, Killey's Fractures of the Mandible, Wright, 1991

Banks, P, *Killey's Fractures of the Middle Third of the Facial Skeleton*, Wright, 1987
 Cawson, R A, *Essentials of Dental Surgery and Pathology*, 5th edition, Churchill Livingstone, 1991
 Davidson, S, *The Principles and Practice of Medicine*, 16th edition, Churchill Livingstone, 1991
 Howe, G L, *Everyday Oral Medicine*, Wright, 1991
 Killey, H C, *An Outline of Oral Surgery Part 2*, Wright, 1989
 Lynch, M A, *Burket's Oral Medicine Diagnosis and Treatment*, Lippincott, 1984
 MacGovern, D A et al., *Killey and Kay's The Maxillary Sinus and its Dental Implications*, Wright, 1991
 Scully, C and Cawson, R A, *Medical Problems in Dentistry*, 3rd edition, Wright, 1993
 Seward, G R et al., *Outline of Oral Surgery Part 1*, 2nd edition, Wright, 1992
 MIMS Annual 1996, IMS Publishing

DENT 5001 Clinical Dentistry

33 credit points

AProf Cyril Thomas and others

Offered: March and July. **Classes:** 70 lectures, 48 tutorials, 3 seminars, 135 practicals and 450 clinics. **Assessment:** One 3 hour exam in July Semester, one viva voce exam in July Semester, continuous practicals and clinical.

The unit of study in Clinical Dentistry incorporates oral rehabilitation, endodontics, fixed prosthodontics, gerodontics, occlusion, oral pathology and oral medicine, oral and maxillofacial surgery, orthodontics, paediatric dentistry, periodontics, removable prosthodontics, tooth conservation and community dentistry. An individual or group research project will be undertaken. Participation in a formal case presentation is also required.

The basis of this unit of study is clinical experience, through provision of integrated multidisciplinary patient care at Westmead Hospital Dental Clinical School, as well as clinical attachments and rotations at the United Dental Hospital and at the Prince of Wales Hospital. In addition, there are clinical attachments to Royal Newcastle Hospital, Riverina Health Service Clinics, Hume Health Service Clinics, visits to selected Public, Defence and Health Fund Clinics, and private practitioner visits under the auspices of the Pierre Fauchard Academy. Clinical options comprise rural or international attachments during semester breaks. Students will undertake short courses and exercises in communication and presentation skills.

Each student is comprehensively assessed as to competence to practise a wide range of procedures in general dentistry. A clinical log book must be maintained for assessment, and familiarity with a range of complex procedures is tested. Each student must demonstrate a careful, studied and ethical approach to the practice of clinical dentistry, and recognition of the need for ongoing postgraduate education.

Recommended reading

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

Naylor, W P, *Metal Ceramic Technology*, Quintessence, 1992
 Phillips, R W, *Skinner's Science of Dental Materials*, 9th edition, Saunders College Publishing, 1991
 Rosenstiel, S F et al., *Contemporary Fixed Prosthodontics*, 2nd edition, Mosby, 1995
 Topazian, R G and Goldberg, M H, *Oral and Maxillofacial Infections*, Saunders, 1994
 Wenig, B M, *Adas of Head and Neck Pathology*, Saunders, 1993
 Woods, R, *A Guide to the Use of Drugs in Dentistry*, 12th edition, Australian Dental Association, 1996
Practical Guides for Successful Dentistry, 5th edition, Australian Dental Association, 1996
 Current journals:
 Annals R.A.C.D.S.
 Australian Dental Association Federal Newsletter
 Australian Dental Journal
 Australian Prosthodontic Journal
 British Dental Journal
 Dental Update
 Journal of the American Dental Association
 Journal of Prosthetic Dentistry
 Medical Journal of Australia
 Year Book of Dentistry
 Other research journals as appropriate

DENT 5002 Electives

1 credit point

Board of Studies for Fifth Year and staff

Offered: March and/or July. **Classes:** As required.

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

DENT 5003 Ethics and Professional Responsibility

1 credit point

Adjunct AProf John Dale

Offered: March. **Classes:** 10 lectures. **Assessment:** One 3 hour exam.

The unit of study is based primarily on those legal principles and statutes which relate to dentistry. The lectures are used to explain the Australian legal system and legal principles of relevant tort law (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.

DENT 5005 Systemic Pathology

1 credit point

Dr John Gibbins

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

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

Textbooks

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

Other Faculty information

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

Infectious diseases

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

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

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

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

Government policy in this regard may change over time, and Hepatitis C status is also to be included in due course in the NSW Health Department's guidelines for exposure-prone procedures.

Orientation and enrolment

First Year timetable

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

Registration in FirstYear

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

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

Transfers between faculties

Students who enrol in one degree course and pass the units of study prescribed for another degree course have not the right to transfer to that other degree course, but may be admitted by the Faculty or Board of Studies concerned on merit to the extent 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 or units of study completed at the University of Sydney or at another institution you must apply both through the Universities Admissions Centre and the Faculty in accordance with the procedure outlined in the Bachelor of Dental Surgery Selection Procedure Information Booklet, available free from the Faculty Office.

Confirmation of enrolment

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

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

If you wish to:

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

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

Regulations

Discontinuation of enrolment and re-enrolment after discontinuation - undergraduate

All faculties, colleges and boards of studies

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

4. The Dean, Pro-Dean or a 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 units of study

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

Withdrawal from Second Semester units of study

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

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

Discontinuation

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

Examinations

Periods

There are three formal examination periods.

Period	Held	Duration (approx.)
March semester	June	2-3 weeks
July semester	November	3-4 weeks
Supplementary	December/January	2 weeks

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

Notification of examination results

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

Disclosure of examination marks

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

Your examination scripts and any other assessment material may be retrieved for a short period after the completion of assessment in each unit of study. This does not apply to examination papers which involve the repeated use of the same material in successive examinations.

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

Examination grades

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

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

Supplementary examinations

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

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

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

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

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

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

Illness or misadventure

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

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

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

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

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

The need to seek early advice

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

Exclusion

Restriction upon re-enrolment

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

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

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

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

Faculty of Dentistry

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

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

Libraries

Dentistry Library

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

Electronic resources and services of the University Library are accessible both from within the Library and over the Internet (www.library.usyd.edu.au). These include online catalogue, the self-service options of the University Library's computer system and access to databases, including Medline. Further information resources may be located via the Library home page on the Internet. Collection resources covering various disciplines within Dentistry and associated fields are housed in the Dentistry Library. The collections consist of various formats (print, CD-ROM, audiovisual).

Staff and students of the University of Sydney are eligible to borrow books from the Dentistry Library and any of the University Libraries. Documents such as periodical articles which are not held in the University Library will be obtained for University staff and higher degree students after completion of a copyright User Agreement Form. A service desk is staffed whenever the Library is open. The Dentistry Library currently has 1.5 staff including a professional librarian.

Contact

Diana Kingston (Dentistry Librarian)

Library hours

During semester: 9.00 am to 7.00 pm Monday and Wednesday, 9.00 am to 5.00 pm Tuesday, Thursday and Friday.

During vacations: 9.00 am to 5.00 pm Monday to Friday.

Other libraries

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

Dentistry staff and students may also use the Westmead Hospital Library.

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.

Committee for Continuing Education in Dentistry

Chair: Director Continuing Education

The Continuing Education in Dentistry Unit has the following objectives:

1. To provide courses of continuing education in all fields of dentistry for dental graduates. Over 600 courses have been conducted, and 1999 is the Continuing Education Unit's 52nd 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 courses. In addition, medical practitioners and other groups interested or involved in general fields of dentistry may also attend. Members of the dental profession in New South Wales and the Australian Capital Territory are regularly circularised and the program is also sent to other Australian states and to New Zealand. Special courses are also advertised overseas.

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

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

Traineeships, scholarships and prizes

Traineeships

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

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

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

from whom further particulars may be obtained.

Undergraduate scholarships and prizes

Financial assistance

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

Dental Board of New South Wales

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

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

Funds are limited and loans must therefore be restricted accordingly.

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

Prizes for academic merit

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

Awards and honours

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

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

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

Scalings

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

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

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

University Medal

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

General university information

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

Admissions Office

Student Centre
Ground Floor, F07 Carlaw
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 4117 or +61 2 9351 4118. Special Admissions (including Mature Age) +61 2 9351 3615
Fax: +61 2 9351 4869
Email: admissions@records.usyd.edu.au
The Admissions Office is responsible for overseeing the distribution of offers of enrolment and can advise prospective local undergraduate students regarding admission requirements. Applicants without Australian citizenship or permanent residency should contact the International Office. Postgraduate students should contact the appropriate faculty.

Applying for a course

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

Assessment

For matters regarding assessment, refer to the relevant Department.

Co-op Bookshop

Sydney University Sports and Aquatic Centre
G09, Cnr Codrington St and Darlington Rd
Phone: +61 2 9351 3705 or +61 2 9351 2807
Fax: +61 2 9660 5256
Email: sydu@mail.coop-bookshop.com.au
<http://www.coop-bookshop.com.au>
Sells textbooks, reference books, general books and software. Special order services available.

Enrolment and pre-enrolment

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

All other students

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

Examinations

Examinations and Exclusions Office
Student Centre
Level One, F07 Carlaw
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 4005 or +61 2 9351 5054
Fax: +61 2 9351 7330
Email: exams.office@exams.usyd.edu.au
The Examinations and Exclusions Office looks after exam papers, timetables and exclusions.

Graduations

Ground Floor, Student Centre, F07 Carlaw
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 3199 or +61 2 9351 4009.
Protocol +61 2 9351 4612
Fax: +61 2 9351 5072
Email: k.fizzell@records.usyd.edu.au

(Grievances) Appeals

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

Normally a matter should be resolved by discussing it with the academic staff member concerned, or with a senior member of staff within the department. However, a situation could arise where you wish to have a decision reviewed or to draw attention to additional relevant information. In this case you should put your case in writing to the head of department and if you're still not satisfied with the result you should contact your Dean. Only after following these steps can you appeal to the Senate.

In the case of examination results the appeal may be made to the department.

A document outlining the current procedures for appeals against academic decisions is available at the Student Centre and on the University's web site at: <http://www.usyd.edu.au/su/planning/pohcy/index.htm>

Parking appeals should be addressed to the Manager, Campus Services.

You may wish to seek assistance or advice from the SRC regarding an appeal; if so, contact the Education/Research Officer, SRC, Level 1, Wentworth Building. Phone +61 2 9660 5222 Legal Aid.

HECS & other fees

Student Centre
Ground Floor, F07 Carlaw
The University of Sydney
NSW 2006 Australia
HECS Enquiries
Phone: +61 2 9351 2086, +61 2 9351 5062, +61 2 9351 5499, +61 2 9351 5659
Fax: +61 2 9351 5081
Fees Office
K07 Margaret Telfer
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 5222
Fax: +61 2 9351 5861

General university information

Library (Fisher)

F03 Fisher Library
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 2993 Enquiries/Information Desk
+61 2 9351 3711 Library Hours
+61 2 9351 7273 Borrowers' Cards
+61 2 9351 6692 Holds Enquiries
+61 2 9351 7277 Inter-library Loans
+61 2 9351 2265 Loans, overdues enquiries
Fax: +61 2 9351 2890 Administration
+61 2 9351 7278 Renewals
Email: loanenq@library.usyd.edu.au (loan enquiries)
reqill@library.usyd.edu.au (inter-library loans)
<http://www.library.usyd.edu.au>

Student Centre

Ground Floor
F07 Carlaw Building
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 3023 General Enquiries
+61 2 9351 4109 Academic Records
+61 2 9351 3023 Discontinuation of Enrolment
+61 2 9351 5057 Handbooks
+61 2 9351 5060 Prizes
Fax: +61 2 9351 5081; +61 2 9351 5350 Academic Records

Part-time, full-time

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

Privacy and Freedom of Information

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

The University necessarily accumulates a great deal of information on individuals; within the University, access to this is restricted to staff who need the information to carry out their duties. As regards external requests for personal information, it is policy that the University will disclose information to a third party if the subject of the information has consented in writing to the disclosure, or if the University has a legal obligation to respond to a request, including a subpoena, and the request is in the appropriate written form. Enquiries should be directed to the:
Freedom of Information Coordinator and Privacy Officer
c/- Archives, A14 Main Quadrangle
Phone: +61 2 9351 4263
Fax: +61 2 9351 7304
Email: trobins@mail.usyd.edu.au
<http://www.usyd.edu.au/su/foi>

Student identification cards

For 1999 the University is incorporating a photograph into the student identification card. This will mean that all students will have to provide a colour, passport sized, head and shoulders photograph when they attend on campus sites to have their student ID card laminated. From 1 January 1999, University student ID cards will function as transport concession cards for eligible students. This will eliminate the need for a separate concession card. The endorsement for concession travel will take the form of a hologram sticker attached to the front of the student ID card.

Student Services

Room 711, Level 7
A35 Education Building
The University of Sydney
NSW 2006 Australia
<http://www.usyd.edu.au/su/stuserv/>

Accommodation Service

Phone: +61 2 9351 3312
Fax: +61 2 9351 8262
Email: larthur@mail.usyd.edu.au
<http://www.usyd.edu.au/su/accom>

Casual Employment

Level 4
A09 Holme Building
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9552 2589
Fax: +61 2 9552 2589
Email: mross@mail.usyd.edu.au
http://www.usyd.edu.au/su/cas_emp/

Counselling Service

Level 7
A35 Education Building (Manning Road)
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 2228
Fax: +61 2 9351 7055
Email: lpoerio@mail.usyd.edu.au

Disability and Welfare Services

Phone: +61 2 9351 4554
Fax: +61 2 9351 7055
Email: cstuckin@mail.usyd.edu.au
<http://www.usyd.edu.au/su/disability/>

Financial Assistance

Phone: +61 2 9351 2416
Fax: +61 2 9351 7055
Email: psweet@mail.usyd.edu.au
http://www.usyd.edu.au/su/fin_assist
Refer to the University of Sydney Calendar 1996, Volume 2, for a listing of all undergraduate and postgraduate sources, conditions and benefits or financial support funded by the University.

Learning Assistance Centre

Level 7
A35 Education Building (Manning Road)
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 3853
Fax: +61 2 9351 4865
Email: lewalker@mail.usyd.edu.au
<http://www.usyd.edu.au/su/lac/>
Holds free workshops to assist undergraduate and postgraduate students wanting to improve their academic writing and communication skills at university.

Other student assistance

Careers information
Room 147, Ground Level
K01 Mackie Building (Arundel St, Forest Lodge)
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 3481
Fax: +61 2 9351 5134
Email: info@careers.usyd.edu.au (general enquiries)
<http://www.usyd.edu.au/homepage/exterel/careers/index.htm>

The Courses & Careers Unit provides careers information, advice and help in finding course-related work both while you're studying and employment when you commence your career.

Centre for Continuing Education (bridging courses)

KOI Mackie
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 2585
Fax: +61 2 9351 5022
Email: info@cce.usyd.edu.au
http://www.usyd.edu.au/homepage/exterel/cont_edu/cont_edu.htm

Health service

Level 3, G01 Wentworth
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 3484 Wentworth, +61 2 9351 4095 Holme
Fax: +61 2 9351 4110 Wentworth, +61 2 9351 4338 Holme
Email: p.brown@unihealth.usyd.edu.au

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

Koori Centre and Yooroang Garang

Ground Floor, A22 Old Teachers' College
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 2046 General Enquiries
+61 2 9351 7001 Liaison Officer
+61 2 9351 7073 Student Counsellor
Fax: +61 2 9351 6923

Email: admirioff@koori.usyd.edu.au

<http://www.koori.usyd.edu.au/>

The Koori Centre runs the AEA training program, supports Aboriginal and Torres Strait Islander students on campus and during enrolment. There is also an educational unit which supports Aboriginal studies in the University.

Language Centre

Room 312, A19 Griffith Taylor and
Levels 1 and 2
A18 Christopher Brennan
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 2371
Fax: +61 2 9351 4724

Email: Langcent.enquiries@language.usyd.edu.au

<http://www.arts.su.edu.au/Arts/departs/langcent/home.html>

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

Mathematics Learning Centre

Fourth floor, Room 455
F07 Carslaw
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 4061
Fax: +61 2 9351 5797

Email: MLC@mail.usyd.edu.au

<http://www.usyd.edu.au/su/mlc/>

Scholarships

Research and Scholarships Office
Scholarships Administration Room N410.1,
A14 Main Quadrangle
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 3250 Enquiries, Scholarships
Fax: +61 2 9351 3256
Email: scholars@reschols.usyd.edu.au
<http://www.usyd.edu.au/su/reschols/scholarships>

International students

International Office

Level 2, K07 Margaret Telfer
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 4161, +61 2 9351 4079
Fax: +61 2 9351 4013
Email: info@io.usyd.edu.au
http://www.usyd.edu.au/homepage/exterel/international_student_centre.html

International Student Services Unit

Level 2, K07 Margaret Telfer Building
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 4749
Fax: +61 2 9351 4013
Email: info@issu.usyd.edu.au
<http://www.usyd.edu.au/su/issu/>
Provides an advisory and counselling service to international students at the University of Sydney.

Student organisations

Students' Representative Council

Level 1, Wentworth G01
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9660 5222 Editors, Honi Soit
+61 2 9660 4756 Secondhand Bookshop
+61 2 9660 5222 Legal Aid
Fax: +61 2 9660 4260
Email: postmaster@src.usyd.edu.au

University of Sydney Union

Box 500 Holme Building
A09 Holme
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9563 6000 Switchboard/Enquiries
+61 2 9563 6282 Academic Dress
+61 2 9563 6103 ACCESS Centre, Manning
+61 2 9563 6269 Campus Store, Holme
+61 2 9563 6016 Campus Store, Wentworth
+61 2 9563 6160 Clubs and Societies Office
+61 2 9563 6010 School Tutoring Co-ordinator
+61 2 9563 6032 Union Broadcasting Studio
+61 2 9563 6115 Welfare & Information Services Manager
Fax: +61 2 9563 6239
Email: email@usu.usyd.edu.au

<http://www.usu.usyd.edu.au/>

Provides welfare, social and recreational services to the University community.

Sydney University Sports Union

G09 Sports and Aquatic Centre
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9351 4960
Fax: +61 2 9351 4962
Email: sports_union@susu.usyd.edu.au
Provides services, facilities and clubs for sport, recreation and fitness.

Women's Sports Association

Room 214, A30 Sports Centre
The University of Sydney
NSW 2006 Australia
Phone: +61 2 9660 6355, +61 2 9351 2057
Fax: +61 2 9660 0921
Email: secretary@suwsa.usyd.edu.au
<http://www.usyd.edu.au/su/suwsa/welcome.html>
Provides for students, predominantly women, to participate in sport and recreation through the provision of facilities, courses and personnel.

Glossary

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

Enrolment and general terms

Academic year

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

Advanced standing

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

Associate Diploma

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

Assumed knowledge

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

Bachelor's degree

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

Campus

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

Chancellor

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

Combined degree course

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

Core

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

Corequisite

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

Course

A complete degree or diploma program.

Credit

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

Credit point

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

Dean

The head of a faculty.

Deferment of enrolment

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

Degree

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

Department/School

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

Diploma

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

Doctorate

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

Elective/Option

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

Enrolment

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

Entry requirement

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

Faculty

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

Full-time

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

Intermediate

Faculty of Science: Second-year level.

Junior

First-year level.

Laboratory practical

See: Practical.

Lecture

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

Major

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

Master's degree

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

Mature age

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

Minor

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

Orientation period

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

Part-time

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

PhD

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

Postgraduate

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

Practical

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

Prerequisite

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

Prohibition

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

Recommended reading

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

Registrar

The head of the administrative divisions of the University.

Registration

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

Resolutions of Senate

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

School

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

Semester

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

Senior

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

Special Admission

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

Subject area

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

Textbook

Reading material that the student is expected to own.

Tutorial

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

UAI

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

UAI cut-off

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

Undergraduate

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

Unit of Study

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

Universities Admissions Centre (UAC)

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

Variation of enrolment

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

Vice-Chancellor

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

Costs*Bursary*

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

Fees (full-fee undergraduate/postgraduate)

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

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

HECS

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

Prize

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

Scholarship

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

Assessment, Examination, Satisfactory Progress and Graduation

Academic transcript/record

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

Appeal

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

Assessment

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

Candidate

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

Examination

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

Exclusion

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

Grievances

See Appeals.

Grade

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

Graduand

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

Graduate

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

Graduation

The ceremony during which degrees are conferred and diplomas awarded.

Honours degree

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

Mark

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

Pass degree

A Bachelor's degree.

Re-enrolment

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

Results

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

High Distinction (HD)

A mark of 85% or higher

Distinction (D)

A mark of 75-84%

Credit (CR)

A mark of 65-74%

Pass (P)

A mark of 50-64%

Satisfied Requirements (R)

Used in Pass/Fail only outcomes

Unit of Study Continuing (UCN)

Used at the end of a semester for units of study which have been approved to extend into a following semester. This will automatically flag that no final result is required until the end of the last semester of the unit of study.

Conceded Pass (PCON)

Use of this is restricted. A student may re-enrol in a unit of study for which the result was PCON. Each Faculty would determine and state in their course regulations what proportion, if any, may count - eg, no more than one sixth of the total credit points for a course can be made up from PCON results.

Fail (F)

A mark of 0-49%

Absent Fail (AF)

Includes non-submission of compulsory work (or non-attendance at compulsory labs etc), as well as failure to attend an examination.

Withdrawn (W)

Not recorded on external transcript. Result obtained where a student applies to discontinue a unit of study by the HECS Census Date (ie within the first four weeks of enrolment).

Discontinued with Permission (not Fail) (DP)

This result applies automatically where a student discontinues after the HECS Census Date but before the end of the seventh week of the Semester (or before half of the unit of study has run in the case of units which are not semester-length). A Faculty may determine that the result of DP is warranted after this date, if the student has made out a special case based on illness or misadventure.

Discontinued (Fail) (DISC)

Recorded on transcript. This applies from the time DP ceases to be automatically available up to the cessation of classes for the unit of study.

Satisfactory progress

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

Show cause

The Faculty may require a student to show good cause why he or she may be allowed to continue in the degree or diploma course, where requirements for satisfactory progress have not been met (see: Exclusion and Satisfactory progress).

Special consideration

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

Study Vacation (Stuvac)

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

Supplementary examination

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

Suspension of candidature

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

Testamur

The document given to the graduand at graduation.

Thesis

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

Weighted Average Mark (WAM)

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

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This index provides a convenient way to find units of study, course requirements, regulations and other information listed in the Dentistry handbook. All units are listed twice: by name and unit code. (Please note that names of units of study in this index are truncated after 52 characters.)

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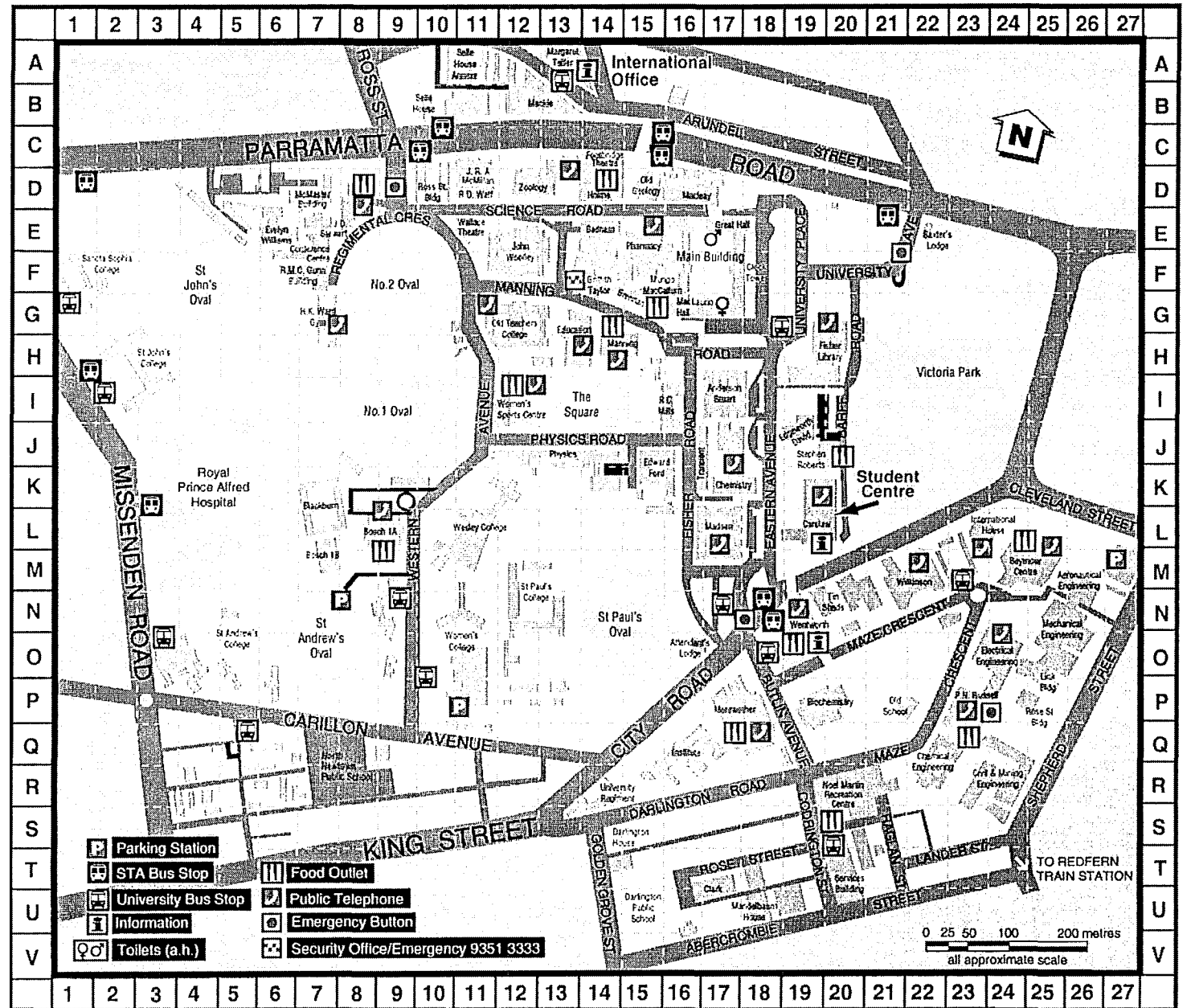
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