



## DOCTOR OF DENTAL SURGERY PROGRAM

The degree of Doctor of Dental Surgery is the degree to which a candidate is admitted upon the completion of undergraduate education in Dentistry. It is recognized by dental licensing boards as evidence of graduation, although it does not of itself confer the right to practice Dentistry (See section on Certificate of Registration for Dental Practice in this Calendar.) Dental education is designed to unify the basic and clinical sciences, as it is believed that scientific and professional development cannot be sharply differentiated, but should proceed concurrently throughout the dental program.

### ACADEMIC REQUIREMENTS

Applicants must have completed three years of university education (i.e. at least 15 full year courses or equivalent) in a program that demonstrates focus and coherence in education. In order to be eligible for admission consideration, we must consider this education to be equivalent to three years of undergraduate education at the University of Toronto. This education must include the following five full year courses:

- One full course (1 full year or 2 half year courses) in general biochemistry. This course should cover protein chemistry and the chemistry of other biomolecules, cellular metabolism and molecular biology.
- One full course (1 full year or 2 half year courses) in general mammalian (human or animal) physiology. This course should cover the following systems: musculoskeletal system; haemostasis mechanisms; haematopoietic system; nervous system; immune system; cardiovascular system; renal physiology; neurophysiology; endocrinology and gastrointestinal physiology.
- Two additional full courses (2 full year or 4 half year courses) in Life Sciences. (For example: anatomy, biochemistry, biology, botany, genetics, immunology, microbiology, molecular genetics, biology, neuroscience, nutritional Sciences, pharmacology, toxicology, physiology, zoology).
- One full course (1 full year or 2 half year courses) in a Humanities or Social Science. (For example - Humanities: art history, classics, East Asian studies, English, history, languages, music, Near & Middle Eastern studies, philosophy. Social Sciences: anthropology, economics, geography, management, political science, religious studies, sociology).

Applicants should check with the Admissions Office if they are unsure of the acceptability of a particular course (*Note: Chemistry and Organic Chemistry are not considered Life Sciences.*) The earliest time at which applicants may apply is during the third year of their program at a recognized university. Any courses completed after May 31<sup>st</sup> during the proposed year of entry, will not be considered for admission.

A minimum current grade point average of 3.0 (4.0 scale) is required. \*However, a grade point average of 3.0 (i.e. B) at the time of application does not guarantee selection. It should be noted that the 190 domestic applicants invited for an interview had a GPA of at least 3.75 and the 10 international applicants invited for an interview had a GPA of at least 3.65. It is recommended that applicants follow a program of study that will provide them with an educational background in keeping with their own interests and possible career opportunities should they not be accepted into Dentistry.

Note that courses taken in the academic year, during the proposed year of entry, will not be included in the calculation of the applicant's cumulative GPA. Any offer of admission, however, will be contingent upon the successful applicant maintaining an annual GPA of at least 3.0 (4.0 scale) for their current academic year.

\* The worst academic year will be dropped from the calculation of an applicant's cumulative grade point average provided that (a) the applicant has completed four or more years of university education by May 31<sup>st</sup> of the proposed year of entry, and (b) the year with the lowest grades is not the applicant's most recently completed year of study.

## CITIZENSHIP AND RESIDENCE

Applicants must be Canadian citizens or permanent residents on or before the deadline date for applications (December 1st). A maximum of 10% of the first year places may be offered to out-of-province applicants.

## DENTAL APTITUDE TEST

Applicants are required to take the Dental Aptitude Test (DAT) administered by the Canadian Dental Association and to arrange for their test results to be forwarded to the Admissions Office. The DAT is designed to measure general academic ability, comprehension of scientific information, perceptual ability and manual dexterity.

The Canadian DAT is offered twice a year (February and November) and all sections of the test must be completed. The Academic Average (AA) and Perceptual Ability Test (PAT) scores are used in the admission process. If the test is written more than once, the highest set of DAT scores will be used. The DAT must have been taken within two calendar years prior to the application deadline. The valid test dates for September 2010 entry are: February 2008, November 2008, February 2009, November 2009. Tests taken more than two years prior to the application deadline will not be considered.

Registration forms may be obtained by contacting The Dental Aptitude Test Program, Canadian Dental Association, 1815 Alta Vista Drive, Ottawa, Ontario, Canada K1G 3Y6. Telephone: (613) 523-1770; Fax: (613) 523-7489; Email: dat@cda-adc.ca; Website: www.cda-adc.ca/.

The American Dental Admission Test (DAT) is an acceptable equivalent for applicants living outside of Canada. Further information may be obtained from The Department of Testing Services, Dental Admission Testing Program, American Dental Association, 211 East Chicago Avenue, Chicago, IL 60611-2678 USA. Telephone: (312) 440-2500; Fax: (312) 440-7494. Email: education@ada.org; Website: www.ada.org/prof/ed/testing/dat/index.asp. Applicants can request the American DAT registration package by calling 1-800-621-8099.

## ENGLISH FACILITY REQUIREMENTS

All applicants must be proficient in both written and spoken English. Applicants whose first language (i.e. the language learned at home as a child) is not English are required to achieve an appropriate standard in a recognized test of English facility. Note: We will not exempt from English facility testing any applicant who studied in English in a country where the primary language is not English.

However, we will exempt from English facility testing any applicant and who has completed four years or more of full-time academic study in an English language school system located in a country where English is the primary language, or who has successfully completed, with grades of "C" or higher, at least four full degree courses, including at least one full course in English, Social Sciences or Humanities, taught in English, in a recognized English-medium university located in a country where English is the primary language. We will also exempt from English facility testing any applicant who is a bilingual francophone and who has satisfactorily completed at least four years of full-time academic study in the Canadian school system.

**Acceptable proof of English facility must be submitted by the application deadline (December 1).** If acceptable proof of English facility is not received by the application deadline, your application will be cancelled. Tests taken more than two years prior to the application deadline will not be considered. Official test scores must be sent by the testing agency directly to the Admissions Office, Faculty of Dentistry, University of Toronto. If this is not possible, we will accept a notarized copy of a valid score report submitted with the application. The following tests are recognized:

### Test of English as a Foreign Language (TOEFL)

Those who present the paper-based TOEFL must ensure that the Test of Written English (TWE) is also available on their test date.

#### Minimum Requirement

TOEFL PBT - total score 600 + 5.0 on TWE

TOEFL CBT - total score 250 + 5.0 on Essay

TOEFL IBT - total score 100 + 22 on Writing

**Note: The TOEFL Institution Code is 0982.** You must list this code correctly, or we will not receive your results. TOEFL Bulletins may be obtained from American embassies and consulates or by contacting TOEFL Services, P.O. Box 6151, Princeton, NJ 08541, USA. Telephone: (609) 771-7100; Email: toefl@ets.org; Web site: www.toefl.org. You may also pick up a TOEFL CBT Bulletin at Admissions and Awards, University of Toronto, 315 Bloor Street West, Toronto, ON M5S 1A3. Telephone: (416) 978-2190; Website: www.adm.utoronto.ca.

### International English Language Testing System (IELTS) Academic Module

The minimum requirement is an overall band of 6.5, with no band below 6.0. For information about this test, worldwide test centres and registration procedures, you may contact The IELTS Office at www.ielts.org. You may also contact the IELTS Ontario Test Centre at IELTS Administrator, 299 Doon Valley Drive, Kitchener, ON N2G 4M4. Telephone: (519) 748-3516; Email: ielts@conestogac.on.ca; Website: www.conestogac.on.ca/ielts.

### Michigan English Language Assessment Battery (MELAB)

The minimum requirement is an overall score of 85, with no part below 80. Information Bulletins and Registration Forms may be obtained from MELAB Office, University of Michigan, 401 E Liberty, Ste. 350, Ann Arbor, MI 48104-2298, USA. Telephone: (734) 764-2416; Email: melabelium@umich.edu; Website: www.lsa.umich.edu/elimelab.htm or the University of Toronto MELAB website: www.library.utoronto.ca/melab. Applicants in the Toronto area may register in-person at the Toronto MELAB Test Centre, Room 139, New College, University of Toronto, 45 Willcocks Street, Toronto, ON M5S 1C7. Telephone: (416) 946-3942; E-Mail: melab.newcollege@utoronto.ca. You may also pick up a MELAB Bulletin at Admissions and Awards (address above).

### The Certificate of Proficiency in English (COPE)

The minimum requirement is an overall score of 86, with 32 in Writing and 22 in each of Reading and Listening. For tests taken before January 2008 the minimum requirement is an overall score of 5, with 2 in Writing, and 2 + 1 (or 1 + 2) in Reading and Listening sections. Cope Test is currently available in Toronto only. COPE Information Bulletins with registration forms and sample questions may be picked up at Admissions and Awards (address above), or you may contact COPE Testing Ltd., 7B Pleasant Blvd., Box 1164, Toronto, ON M4T 1K2 (note: this is a mailing address only). Telephone: (416) 962-2673; Email: info@copetest.com. Complete information, including a downloadable registration form, is available at website: www.copetest.com.

### Academic Preparation ESL Course, School of Continuing Studies

The minimum requirement is a grade of 'B' at the 60/Advanced level. For more information contact the English Language Program at the School of Continuing Studies, University of Toronto, 158 St. George Street, Toronto, ON M5S 2V8. Telephone: (416) 978-5104; E-mail: scs.esl@utoronto.ca; Website: www.learn.utoronto.ca/esl.

## PROCEDURES FOR APPLICATION

University policies on access to student records and personal privacy allow us to communicate only with the applicant unless we have written permission to discuss the application with someone else. Applications must be downloaded from the Faculty of Dentistry website at: <http://www.utoronto.ca/dentistry/admissions/undergraduateprocedures.html>.

It is the responsibility of the applicant to complete the application form accurately and to provide all information punctually. For administrative purposes only, we encourage applicants to submit their applications as early as possible

**Documents will not be returned to applicants. Therefore, do not send originals.**

**December 1<sup>st</sup> each year. APPLICATION DEADLINE.** Application forms and supporting documents (as listed below) must be received in the Admissions Office by December 1<sup>st</sup> each year, at 5:00 p.m., which is the application deadline. The following items must accompany the completed application form:

- Non-refundable application service fee of \$250 CAD (certified cheque or money order payable to the Faculty of Dentistry, University of Toronto). We do not accept personal cheques or credit card payments.
- Proof of Canadian citizenship or permanent resident status (photocopy only).

In addition, applicants must arrange for the following documents to be submitted directly to the Admissions Office from the issuing institution(s):

- Official transcripts of all previous university education.\*
- DAT score report. ■
- Proof of English facility, if applicable.

\*Applicants attending the University of Toronto are not required to arrange for transcripts if their complete academic record appears on the U of T Student Record System (ROSI); if not, applicants must arrange for official transcripts to be sent from the Transcript Centre.

■ November 2009 DAT score reports are due in the Admissions Office as soon as they become available. Official score reports for test dates prior to November 2009 must be submitted by the application deadline. Note: Applicants requesting transfer are not required to submit DAT scores.

If there is information that you would like to bring to the attention of the Faculty of Dentistry to assist in the assessment of your qualifications, please present this information (not to exceed 750 words) on standard-size paper and include it with the application. Only submit this letter if you have any extenuating circumstances you want to bring to the attention of the Admissions Committee. Do not send in resumes, C.V.'s, essays, or reference letters with your DDS application. They will not be considered at by the Admissions Committee.

Applicants seeking admission on the basis of official documents that are in a language other than English must submit notarized copies of their original documents attached to notarized English translations. If the original documents do not record the subjects studied and the grades obtained in individual courses, applicants must submit one of the following: (a) certified statements (accompanied by notarized English translations) from authorized officials of the institution(s) attended or, if unavailable, (b) a Statutory Declaration providing the required information. Photocopies will not be accepted unless they have been certified.

Applications must be typed or printed clearly in ink. If your application is not completed legibly, has missing information or does not include the application service fee, it will be returned to you for completion. The normal application deadline will still apply. Please sign and date your application. The discovery that any information or documentation submitted in support of an application is false or misleading or that any material information has been concealed or withheld will invalidate the application and will result in its immediate rejection, or in the immediate revocation and cancellation of admission and/or registration if the applicant has been admitted.

#### INTERNATIONAL APPLICANTS

A person is eligible to apply to the D.D.S. program as an international applicant if he/she can enter or is already in Canada with a Student Authorization (Visa). International student status will govern the level of tuition fees to be paid annually.

#### GRADUATE STUDENTS

Applicants must apply in accordance with the general guidelines. Individual consideration will be given to grades achieved in graduate school. Applicants must arrange for a letter of reference from their graduate supervisor, establishing student progress in the program, to be forwarded to the Admissions Office by the application deadline.

Normally, students in the D.D.S. program are not permitted to register concurrently in any other program of study. In order to be eligible for admission, therefore, applicants currently enrolled in a graduate program must have completed all graduate degree program requirements, including the thesis defense (if applicable), by August 15<sup>th</sup> of the proposed year of entry. Confirmation of degree completion will be required.

#### ABORIGINAL PEOPLES

The Faculty of Dentistry welcomes applications from aboriginal peoples (Metis, Status Aboriginal, Non-Status Aboriginal, Inuit) in recognition of their under-representation in the profession and of the unique contribution that trained members of this group can make. Applications from qualified persons of aboriginal ancestry will receive special consideration for admission. The Wilson G. Harron Award for Aboriginal Students is available to assist a limited number of students with the financial expenses associated with their dental education.

## APPLICANTS WHO HAVE COMPLETED MORE THAN ONE UNDERGRADUATE DEGREE

The Faculty of Dentistry will only consider the most recent undergraduate program of study for all applicants who have completed more than one undergraduate university degree. As well, the worst academic year will be dropped from the calculation of an applicant's cumulative grade point average provided that (a) the applicant has completed four or more years of university education by May 31st of the proposed year of entry, and (b) the year with the lowest grades is not the applicant's most recently completed year of study.

## APPLICANTS WHO HAVE FAILED IN PREVIOUS UNIVERSITY EDUCATION

Applicants who on two occasions have failed to secure the right to advance to a higher year in their University education will normally be refused admission. Applicants who have failed any dental program will normally be refused admission.

## DOMESTIC TRANSFER REQUESTS

Canadian citizens or permanent residents currently enrolled in an accredited Canadian or U.S. Dental School who wish to transfer to the Faculty of Dentistry at the University of Toronto will be considered for admission, **SPACE PERMITTING**, into second year (not third or fourth year). Applicants must meet all academic and English facility requirements for admission into first year. In addition, dental program equivalency with the D.D.S. program at the University of Toronto must be established. Applicants enrolled in Dental Schools where the curriculum is not sufficiently equivalent to allow for direct entry into second year at the University of Toronto are not eligible for transfer consideration. Requests for transfer must be received by the application deadline of **June 30<sup>th</sup> each year**. Documentation must include course descriptions for all dental courses completed by the end of the current academic year.) Applicants should be aware that the number of second-year places, if any, varies annually and in most years no spaces are available.

## INTERNATIONAL TRANSFER REQUESTS

See the definition of "International Applicants" above. International applicants currently enrolled in a foreign Dental School who wish to transfer to the Faculty of Dentistry at the University of Toronto must meet all academic and English facility requirements for admission into first year. Normally, successful applicants would be admitted into the first year of the D.D.S. program, although applicants with appropriate qualifications may be considered for admission into second year (not third or fourth year), **SPACE PERMITTING**. Applicants enrolled in Dental Schools where the curriculum is not sufficiently equivalent to allow for direct entry into second year at the University of Toronto are not eligible for admission consideration into second year. Applicants who are not successful in their international transfer request and who wish to be considered for admission into the first year of our program must apply directly for admission into the first year. The deadline to apply to the first year of the DDS program is **December 1, 2009**. Requests for transfer must be received by **June 30<sup>th</sup> each year**. Documentation must include course descriptions for all dental courses completed by the end of the current academic year.) Applicants should be aware that the number of second-year places, if any, varies annually and in most years no spaces are available.

## SELECTION OF APPLICANTS

The selection of applicants is made by the Undergraduate Admission Committee, which reports directly to the Council of the Faculty of Dentistry. The criteria for selection are established by the Undergraduate Admission Committee and approved by Faculty Council. Decisions of the Committee are based upon academic achievement, DAT scores (excluding transfers), the interview process, and other relevant information. In making its decisions the Committee takes all of this information into consideration.

Applications will be reviewed after the application deadline. Applicants who are considered to have potential based on their application documents will be invited to the Faculty of Dentistry for an interview. The interview will be done by a panel comprised of two members of the Faculty of Dentistry or alumni and will take less than 30 minutes. Final selection will be made from this group of applicants. Applicants will be notified through e-mail by mid-April of the decision made by the Committee with respect to their application.

## FACTORS NOT CONSIDERED IN THE SELECTION PROCESS

- race, creed, colour, sex, age or marital status
- part-time vs. full-time studies or the program of study

- previous applications to the Faculty of Dentistry or concurrent applications to other Faculties
- University attended - no preference is given to University of Toronto applicants
- family connections with members of the dental profession

## COUNSELLING

All incoming students will have the opportunity of orientation counselling to discuss student services, financial assistance, enrolment procedures, housing and other concerns. Appointments may be arranged through the Admissions Office.

## ADMISSION DEPOSIT

A \$2000 (CND) non-refundable deposit will be required from each applicant granted admission. It will be applied to the fees providing s/he registers.

## HEALTH PROTECTION REQUIREMENTS

Prior to their first Registration in the Faculty, all accepted applicants will be required to provide documentary proof of a current Tuberculin Test and/or negative chest x-ray, as well as current immunization against Rubella, Tetanus, Polio and Hepatitis B. As a condition of enrolment in the program, students are expected to comply with these requirements as detailed in the instructions included in the offer of admission. As well, each year, all returning students must submit a current Tuberculin Test Report and/or a negative chest x-ray report prior to registration. Under certain circumstances, the Faculty may have a duty to report disease, and in the case of a communicable disease, a Medical Officer of Health may be empowered to make an order requiring a student to isolate him/herself in such a manner as not to expose another person to infection. An order of this kind would seriously disrupt the student's program of study.

## FIRST AID AND CPR

Students registering in 1st year are required to obtain certification of satisfactory completion of (a) a Canadian Red Cross Society or St. John's Ambulance course in First Aid (or its equivalent) and (b) a CPR Basic Rescuer course before they may register into the Doctor of Dental Surgery Program. All students must present certificates verifying completion of such courses to the Student Services Office by the day of registration into the 1st year of the Doctor of Dental Surgery Program.

## ACCOMMODATION

The University of Toronto Housing Service staff is available to assist students in arranging the type of accommodation and services they require while at the University. Students have their choice of University Residence, Student Family Housing, and Off-Campus Housing.

For further information, please contact The University of Toronto Housing Service, St. George Campus, Koffler Student Services Centre, 214 College Street, Toronto, Ontario, Canada, M5T 2Z9. Telephone: (416) 978-8045; Fax: (416) 978-1616; Email: [housing.services@utoronto.ca](mailto:housing.services@utoronto.ca); Website: <http://link.library.utoronto.ca/StudentHousing/>.

## FINANCIAL ASSISTANCE AND AWARDS\*

The University of Toronto is committed to providing financial support to domestic degree students. For students who are assessed by the Ontario Student Assistance Program (OSAP) or by another Canadian provincial government financial aid program as requiring maximum assistance, and whose assessed need is not fully covered by government aid, the University will ensure that the full need is met. For every new and returning student, the University examines the OSAP (or other Canadian provincial government financial aid program) assessment in the Fall term and identifies all students who qualify for grants through the University of Toronto Advance Planning for Students (UTAPS) program. The University writes to students directly to notify them of their eligibility. For students in second-entry programs, including Dentistry, the additional assistance may be a mix of grant and loan.

Since the tuition fees for the D.D.S. program have been de-regulated by the Ontario Ministry of Colleges, Universities and Training, the University has arranged for different ways to assist students with financial need. Canadian citizens and permanent residents who are eligible for assistance from the federal or provincial governments may receive up to \$2,000 in grants from the University to help meet financial need recognized but not fully covered by the government assistance program. In addition, the Bank of Nova Scotia has made a line of credit available to qualified students under the *Scotia Professional Student Plan*. To apply for this line of credit please visit Scotiabank's website at: <https://>

apps.scotiabank.com/cgi-bin/SPSP/SPSPStart. The University will provide a grant to cover interest on loans borrowed under this Plan up to the level of the assessed unmet need. For further information, please contact the Student Services Office of the Faculty of Dentistry or visit the University of Toronto financial aid website at [http://www.utaps.utoronto.ca/financial\\_aid/](http://www.utaps.utoronto.ca/financial_aid/).

### Admission Scholarships

The Faculty currently has seven admission scholarships for students entering the first year of the D.D.S. program. Four are awarded on the basis of academic excellence and financial need: The Dr. Gordon Nikiforuk Admission Scholarship, The Albert Dahlberg Admission Scholarship (which is restricted to students with a graduate degree), The Dr. Paul Ladelfa Memorial Admission Scholarship, and The Antony and Hedy Kalamut Award. The Tom Lykos Memorial Scholarship, The Somborac Admission Scholarship, and The Javenthey Soobiah Admission Scholarship are awarded on the basis of academic excellence only. Awards range from approximately \$600 to \$1,500.

\*International students are not eligible for University of Toronto or government assistance. The Faculty of Dentistry and the University of Toronto expect incoming international students to be responsible for securing their own sources of funding. Therefore, we do not normally offer financial assistance to international students. Potential visa students are advised that they will be required to provide evidence that they have sufficient funds to study and live in Toronto for the length of their program. Applicants should consider coming to Toronto only if they are able to obtain the necessary funds prior to their arrival in Canada.

### SUMMARY OF EXPENSES

As a guideline, the approximate expenses for students registered in the first year of the D.D.S. program for the 2009-2010 academic year are listed below. Note that these fees are estimates only. Final fees are subject to approval by the University of Toronto.

<b>Annual Fees:</b>	<b>Domestic Students</b>	<b>International Students</b>
Tuition	\$ 24,421.00	\$ 53,251.00
Non-academic incidental fees	907.30	907.30
Dental instruments	5482.00	5482.00
<b>TOTAL</b>	<b>\$ 30,810.30</b>	<b>\$ 60,396.30</b>

#### NOTES:

- An additional University Health Insurance Premium (UHIP) cost of approximately \$756.00 per year (single coverage) is charged to all international students.
- Costs do not include books/supplies (approximately \$2,000).

### REGISTRATION AND ORIENTATION

Registration and Orientation will take place prior to the start of classes. Detailed instructions will be sent to incoming students before the beginning of the academic session. Students are reminded that payment of at least the first instalment of their fees is an essential part of the registration process.

### DENTAL CURRICULUM

The four-year dental program is designed to unify the basic and clinical sciences, as it is believed that scientific and professional development cannot be sharply differentiated, but should proceed concurrently throughout the program. Instruction shifts gradually from an emphasis on the sciences basic to dentistry (first year) to a clinically-oriented program (fourth year).

#### First Year

In first year, the student is taught many of the basic sciences, which are the foundation for clinical dentistry. In these courses, every opportunity is taken to introduce dentally relevant material. At the same time, the student is introduced to some of the broader concepts of the practice of dentistry. An important aspect of this first year is the student's introduction to biomaterials and the fundamentals of restorative dentistry. In these courses, particular attention is paid to evaluating digital skills so that students with potential problems in this area can be identified. Courses include:

- Biological Basis of Oral Health and Disease
- Biomaterials Science
- Community Dentistry
- Gross Anatomy
- Histology
- Intro. to Clinical and Preventive Dentistry
- Nutrition
- Oral Anatomy and Occlusion
- Restorative Dentistry

### **Second Year**

In second year, the student's education in the basic sciences is completed and more emphasis occurs on the study of dental disease and its treatment. Combined teaching in the practical arts of dentistry occurs in this year. Courses include:

- Anaesthesia
- Community Dentistry
- Endodontics
- General Pathology
- Introduction to Intra-Oral Surgery
- Medicine
- Oral Diagnosis and Oral Medicine
- Microbiology
- Oral Radiology
- Orthodontics
- Paediatric Dentistry
- Periodontics
- Pharmacology
- Preventive Dentistry and Clinical Nutrition
- Prosthodontics
- Restorative Dentistry

### **Third Year**

In third year, the student embarks upon intensive clinical study of each of the various disciplines of dentistry with emphasis on the assessment and management of patients. By means of structured programs, the student performs clinical procedures under close supervision so that by the end of the year the student is able to provide a wide range of the basic treatment services with confidence. Courses include:

- Anaesthesia
- Biological Basis Of Oral Health & Disease
- Case-Based Learning
- Comprehensive Care Programme
- Community Dentistry
- Endodontics
- Ethics, Jurisprudence & Practice Administration
- Introduction to Intra-Oral Surgery
- Medicine
- Oral Diagnosis and Oral Medicine
- Oral Medicine & Pathology
- Oral Radiology
- Oral and Maxillofacial Surgery
- Orthodontics
- Paediatric Dentistry
- Periodontics
- Pharmacology

- Preventive Dentistry
- Prosthodontics
- Restorative Dentistry

#### **Fourth Year**

In fourth year, the student applies the basic knowledge and techniques already acquired to gain further clinical experience and familiarity with more advanced treatment services. To prepare students for entry into the profession as general practitioners, emphasis is placed upon integration of the various disciplines and overall management of patient treatment. In addition to their work in the Faculty's Clinics, students participate in elective programs, clinical conferences and hospital-based experiences. Courses include:

- Advances in Dental Science
- Anaesthesia
- Biological Basis Of Oral Health & Disease – Practical Applications 2
- Case-Based Learning
- Comprehensive Care Programme
- Endodontics
- Ethics, Jurisprudence and Practice Administration
- Oral Diagnosis and Medicine
- Oral Radiology
- Oral Surgery
- Orthodontics
- Paediatric Dentistry
- Periodontics
- Preventive Dentistry
- Prosthodontics
- Restorative Dentistry

### CAREER OPPORTUNITIES

#### **General Practice**

While association with a colleague is very popular, some graduating dentists prefer to establish their own private practice.

#### **Dental Residencies**

General practice residencies of one calendar year in length are available in the University of Toronto teaching hospitals. Residents work in the dental departments, treat dental emergencies, attend rounds and rotate to other hospital services. The residency program provides for a wide range of supervised clinical experience in hospital dentistry.

#### **Graduate (Advanced Dental Specialty) Programs**

The University of Toronto offers the most comprehensive educational opportunities and the most broadly based dental research opportunities among Canadian faculties. The M.Sc. specialty programs are individualized according to specialty discipline and/or respective research field. Such advanced dental education meets Commission on Accreditation guidelines for Specialty, Fellowship or Board certification in the following disciplines:

- Dental Anaesthesia: pain control and patient management in dentistry.
- Dental Public Health: protection and improvement of the oral health of the population.
- Endodontics: root canal treatment to preserve diseased or badly damaged teeth.
- Oral and Maxillofacial Surgery and Anaesthesia: surgical correction of medical problems arising from disease, trauma, etc.
- Oral Pathology and Medicine: identification of oral disease and pathology.
- Oral Radiology: radiologic interpretation of disease processes which affect the teeth and jaws.
- Orthodontics: correction of facial and dental irregularities.
- Paediatric Dentistry: dentistry for children and the handicapped.
- Periodontology: treatment of dental supporting tissue.
- Prosthodontics: replacement of missing teeth or bone structure.

Specialty dental education may be combined with a Ph.D. for those seeking a research/academic career as a clinician-scientist.

### **Graduate (Research) Programs**

The University of Toronto offers M.Sc. and Ph.D. level education in all biomedical research fields relevant to dentistry.

These programs are open to dentists and non-dentists alike. The Dental Research Institute, Faculty of Dentistry, University of Toronto has strong research groups in the following areas Behavioural Science and Health Services Research; Biomaterials; Diagnostic and Therapeutic Technologies; Growth, Development and Regeneration of Soft and Hard Connective Tissues; Health Care Services; Molecular Approaches to the Study of Oral Health and Disease, and Pain/Neurosciences.

### **University Teaching**

Through its M.Sc. and Ph.D. programs the Faculty of Dentistry offers a unique opportunity for advanced training in both the basic sciences relevant to dentistry and clinical practice, preparing students for a career in dental education. Many graduates also return to the Faculty of Dentistry as part-time demonstrators and instructors, helping to train the next generation of dentists.

For more information contact:

The Admissions Office  
Faculty of Dentistry  
University of Toronto  
124 Edward Street  
Toronto, Ontario, M5G 1G6  
Canada

**Telephone:** (416) 979-4901, ext. 4373

**Fax:** (416) 979-4944

**Email:** [admissions@dentistry.utoronto.ca](mailto:admissions@dentistry.utoronto.ca)

**Web site:** [www.utoronto.ca/dentistry](http://www.utoronto.ca/dentistry)