# Faculty of Medicine and Dentistry

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Faculty Vision

Leaders in education, research and service, making essential contributions to health.

Faculty Mission Statement

The Faculty of Medicine and Dentistry is dedicated to the improvement of health through scholarship and leadership in our educational programs, in fundamental and applied research and in the prevention and treatment of illness. Central to our mission is the preparation of professionals to provide the highest quality of health care to the people of Alberta and beyond, and the advancement of knowledge and its application through research. All of these activities are being undertaken with Capital Health and other partners. In order to fulfill our responsibilities to society, the Faculty is committed to excellence in our programs as measured by national or international standards.

Values Statement

Scholarship: We seek and disseminate new knowledge for the benefit of society.

Respect and Caring: We respect and care for people.

Integrity: We maintain the highest levels of integrity.

Excellence: We strive for excellence in all our endeavors.

Community/Teamwork: We work individually and collectively to achieve common Faculty goals.

Stewardship of Resources: We ensure utilization of resources.

Faculty Overview

In striving to realize its vision and to fulfill its mission, the Faculty contributes to the academic environment of the University of Alberta, City of Edmonton, and Province of Alberta. The interdependence of teaching, research, and delivery of health care not only necessitates the scholastic endeavours described herein, but also generates a major economic impact on the communities encompassed. A few facts:

- Number of Departments: 20
- Number of Divisions: 11
- Number of Research Groups: 15
- Number of Academic Staff: 366
- Number of Clinical Staff: 790
- Number of Support Staff: 235
- Number of Trust Employees: 397
- Numbers of Students and Residents:
  - Medical Students: 443
  - Medical Residents: 475
  - Dental Students: 130
  - Dental Residents: 3
  - Dental Hygiene Students: 103
  - Medical Laboratory Science Students: 50
  - Graduate Students: 450

In subsequent sections of this document, the departments, divisions and members of staff are listed along with summaries of the various programs offered. The Faculty warmly welcomes feedback and questions and can be contacted as follows:

Faculty of Medicine and Dentistry
2J2.00 WC Mackenzie Health Sciences Centre
University of Alberta
Edmonton, Alberta, Canada T6G 2R7
(780) 492-6621; FAX (780) 492-7303
www.med.ualberta.ca
91. The Professors

91.1 Teaching and Scholarship

The Faculty of Medicine and Dentistry offers a variety of educational opportunities including the MD program, the DDS program, Dental Hygiene, Medical Laboratory Science, Honours undergraduate programs (in conjunction with the Faculty of Science), and graduate (MSc and PhD) programs (in conjunction with the Faculty of Graduate Studies and Research).

The Faculty prides itself in its high-quality clinical care, research, and teaching. In each of the past several years, the graduating MD class has ranked as one of the very top of the 16 Canadian Medical Schools in the national LMCC examinations. Faculty members have received coveted national 3M Teaching Awards and PhD graduates of the Faculty have won the Governor General’s Gold Medal at Convocation.

In research, the Faculty attracted more than $82 million in outside funding for 1999-2000, almost one-half of the total for 91 Canadian Medical Schools in the national LMCC examinations. Faculty members have received coveted national awards for their research, and teaching. In each of the past several years, the Faculty of Medicine and Dentistry has received more than $82 million in external funding.

Members of the Faculty

Note: An asterisk (*) by the name indicates a secondary appointment within the Faculty. (This is not used for Deans and Directors.)
*AR Turner (Medicine-Clinical Hematology)
*DJ Tyrrell (Dean of Medicine, Medical Microbiology and Immunology)
*AH Wajj (Cell Biology and Anatomy)
*Bruce Yacyshyn (Medicine)

Research Associates
*D Blackmore (Medicine Council of Canada)
*DW Fisher (Medicine-General Internal Medicine)
*QL Warnock (Surgery)

Professor Emeritus
*TO Maguire

Surgical-Medical Research Institute

Director and Professor
*RV Rajotte

Additional Members of Faculty Council

President and Vice-Chair
R Fraser, PhD

Representatives
J Buckingham (Medical Librarian)
RA Burns (Alberta Medical Association)
H Campbell (Alberta Dental Association)
J P Chang (Faculty of Science)
A Cook (Dean, Faculty of Rehabilitation Medicine)
ALA Fields (Cross Cancer Institute)
J Goldberg (Faculty of Science)
A Gordon (Provincial Mental Health Board)
M Mahon (Dean, Faculty of Physical Education & Recreation)
LR Olhauser (College of Physicians and Surgeons of Alberta)
G Gray (Dean, Faculty of Nursing)
FM Pasutto (Dean, Faculty of Pharmacy and Pharmaceutical Sciences)
ML Paul (Community Care & Public Health, CHA)
G Predy (Medical Officer of Health, CHA)
Bj Slater (Registrar, U of A)
RS Smith (Vice-President Research and External Affairs)
MW Spence (Alberta Heritage Foundation for Medical Research)
J-M Turc (Alberta Cancer Board)
B Walker (Alberta Dental Hygienists Association)
The Faculty of Medicine of the University of Alberta was established in 1913 and until 1922 conducted a three-year undergraduate medical program in the basic medical sciences. In 1923, a full program of clinical instruction began, and the first Doctor of Medicine (MD) degrees were awarded in 1925.

Dental education was instituted at the University of Alberta in 1917 in the School of Dentistry under the Faculty of Medicine. The first full degree program was offered in 1923, and the first class graduated in 1927. The School became the Faculty of Dentistry in 1944. Dental Auxiliary training was instituted in 1961. In 1962, the School of Dental Hygiene came into being. A program of graduate studies was formally approved in 1962.

In 1998, the Faculty of Dentistry was merged with the Faculty of Medicine to become the Faculty of Medicine and Dentistry.

All students attending the University of Alberta shall use Universal Precautions for blood, body fluids, and tissues at all times within the educational setting to lessen their risk of acquiring or transmitting bloodborne infection from/to another person. These precautions entail the avoidance of direct contact with the blood, blood products, tissues and other body fluids of another person.

The Faculty of Medicine and Dentistry conducts the following programs:

### Medical Programs

1. A fully accredited four-year program leading to the degree of Doctor of Medicine. At least two pre-medical years at university are required before admission to this program.

2. A program whereby students in the MD program who fulfill specified requirements in research may receive the degree of Doctor of Medicine "with Honors in Research."

3. A four-year program leading to the degree of Bachelor of Science in Medical Laboratory Science, which may be entered after a preprofessional year.

4. A program whereby students in Medical Laboratory Science who fulfill specified requirements in research may receive the degree of Bachelor of Science in Medical Laboratory Science "with Honors in Research."

5. A program whereby students in the MD Program who fulfill specified requirements may be awarded the Bachelor of Medical Science degree at the conclusion of their second year in the MD program.

6. At the graduate level, programs leading to the degree of Master of Science or Doctor of Philosophy. Also programs leading to the degree of Master of Public Health (formerly, Master of Health Service Administration) or the Diploma in Health Service Administration.

7. Programs leading to accreditation by the College of Family Physicians of Canada.

8. Programs leading to eligibility for specialist qualification, in all clinical specialties, by the Royal College of Physicians and Surgeons of Canada are offered in cooperation with affiliated hospitals.


See §94 for details of programs of study.

### Dental Programs

1. An accredited four-year program leading to the degree of Doctor of Dental Surgery (DDS). At least two pre-dental years at university are required before admission to this program.

2. A BSc degree that students registered in the DDS program may apply for after successfully completing the first two years of the DDS program.

3. An accredited three-year program leading to the Diploma in Dental Hygiene or a four-year program awarding a Bachelor of Science (Dental Hygiene Specialization).

4. MSc and PhD degrees in Medical Sciences (Oral Health Sciences).

5. An MSc Degree and Certificate in Orthodontics.

6. The Department of Dentistry sponsors a wide variety of continuing dental education opportunities throughout the year through the Continuing Dental Education program. Courses are offered both on campus and occasionally at other sites within the province. Annually, thousands of dentists, dental hygienists, dental assistants and others participate in the many lecture, hands-on clinical and laboratory type courses that are offered. Local and visiting speakers of national and international reputation provide continuing education of a high quality.

### Department of Dentistry Objectives

1. To provide an academic and intellectual milieu in a university setting that facilitates all aspects of education and research in dentistry and allied health and scientific fields by
   a. attracting, selecting, and motivating the most qualified academic and non-academic staff; and
   b. creating a university environment that emphasizes the quality of life for staff and students.

2. To contribute to the advancement of knowledge in dentistry and allied fields by doing research, publishing research papers, and communicating and interacting with
   a. other health sciences and other disciplines of the University to promote comprehensive health care; and
   b. the dental profession, dental auxiliaries, auxiliary-training programs, and the community to promote oral health; and
   c. basic and clinical science organizations and granting agencies to promote disciplinary and interdisciplinary research.

3. To graduate competent undergraduate dentistry students, dental hygienists and graduate and postgraduate students by
   a. attracting, selecting, and then motivating the most suitable and well-qualified students who have the ability to acquire the education and training for a professional and/or academic career;
   b. maintaining an undergraduate dentistry curriculum that integrates basic medical and dental sciences, behavior and social sciences, dental clinical sciences, community and preventive dentistry, hospital dentistry, and practice management; incorporates recent concepts, materials, techniques, advances, and research in all areas; and reflects the existing and projected provincial, national, and international oral health needs;
   c. maintaining a dental hygiene curriculum that produces students who will complement the present and future dental care delivery system;
   d. maintaining an education program that allows for the smooth transition from graduation to practice and ensures that students are competent to practise efficiently and responsibly; and
   e. graduating students who are competent to assume roles of leadership and service in their professions and communities.

4. To provide the opportunity and stimulus for continued learning through postgraduate, graduate, research, and continuing education programs.

5. To provide efficient and quality dental treatment for the community that emphasizes and recognizes patient needs.

### Affiliated Hospitals and Institutions

#### 92.2.1 Affiliated Hospitals

The Faculty of Medicine and Dentistry, University of Alberta, conducts its undergraduate, postgraduate and continuing clinical education activities through affiliation agreements and/or special arrangements with appropriate hospital authorities, both within and beyond the Capital Health Region of Alberta. The Faculty is located in the Walter C Mackenzie Health Sciences Centre (which includes the University of Alberta Hospitals), the Heritage Medical Research Centre, the Medical Sciences, Clinical Sciences, and Dentistry Pharmacy Centre Buildings.

#### 92.2.2 Family Medicine Rural Teaching Sites

The Department of Family Medicine has an educational relationship with 14 of the 17 Regional Health Authorities. Currently, over 33 rural communities participate in undergraduate and postgraduate education initiatives.

#### 92.2.3 Northern Health Services Program

Through an affiliation with the Inuvik Health Board, a regular rotation of clinical faculty, residents, and elective students to Inuvik areas (Mackenzie Area Ambulatory Program) is maintained.
92.2.4 University of Alberta Family Medicine Centres

Ambulatory care facilities, specifically designed for undergraduate and graduate education in family practice, are located at the Grey Nuns and Misericordia Community Hospital and Health Centres the Northeast Community Health Centre and the Royal Alexandra Hospital. These "Family Medicine Centres" allow medical and other health science students to participate in providing comprehensive and continuing health care to a representative section of the community under the supervision of members of the Department of Family Medicine.

92.2.5 Alberta Primary Care Research Unit—University of Alberta Branch

The Alberta Primary Care Research Unit (APCRU) is composed of two components: a branch at the Faculty of Medicine at the University of Alberta, the other at the University of Calgary. The APCRU is the coordinating infrastructure, organized through the respective Departments of Family Medicine, to foster a multidisciplinary and coordinated approach to the study of primary medical care research in Alberta. One main focus of the APCRU is community practice-based research. This is done through the ongoing relationship between the APCRU and the Alberta Family Practice Research Network (APPRN) of the College of Family Physicians of Canada (Alberta Chapter). The APCRU research themes include (1) clinical prevention, (2) education/information dissemination, and (3) health services use and outcomes.

92.2.6 University of Alberta Surgical-Medical Research Institute

The University of Alberta Surgical-Medical Research Institute (SMRI) is a multi-user facility that provides laboratory space and equipment for research activities of research investigators, fellows, and graduate students in the Faculty of Medicine and Dentistry in the field of experimental surgery and medicine. Facilities include rooms suitable for operating on large and small animals, a biochemistry and histology laboratory, and the Medicine/Dentistry Electron Microscopy Unit, located in the Institute. In addition to research activities, the SMRI provides major teaching facilities for surgical residents in training and for core training (surgical skills) for postgraduate Year 1, postgraduate Year 2, graduate, and summer students. The surgical facilities are also used for running continuing medical education courses for medical and paramedical practitioners to study the latest innovations in medicine. The Institute offers four postgraduate courses, three of which are prerequisites for the MSc and PhD degrees in experimental surgery.

92.2.7 University of Alberta Satellite Dental Clinics

The Satellite Clinics in northern Alberta provide an educational experience for senior Dentistry and Dental Hygiene students while delivering care to patients in remote areas. This program is supported by Alberta Health and Wellness.

92.3 Registration and Licensing

92.3.1 DDS Degree

The Department of Dentistry of the University is accredited by the Canadian Dental Association.

Regulations regarding the practice of dentistry in any other province in Canada may be obtained by writing to the dental registrar of that province. Contact information is available from the Canadian Dental Association (www.cda-adc.ca).

Senior students of dental programs approved by the Commission for Dental Accreditation of Canada must write the National Dental Examining Board examinations during their final year. Successful completion of these examinations is required for licensure.

Graduates are also eligible to write licensing examinations in most of the states in the United States and the examinations of the National Board of Dental Examiners of the American Dental Association.

The Doctor of Dental Surgery (DDS) degree and the Doctor of Dental Medicine (DMMD) degree granted by some Canadian and United States universities are equivalent degrees.

92.3.2 Dental Hygiene Diploma/Bachelor of Science (Dental Hygiene Specialization)

A diploma/Bachelor of Science (Dental Hygiene Specialization) degree does not, in itself, confer the right to practise. A dental hygienist desiring to practise dental hygiene in Canada should consult the appropriate provincial licensing body. Contact information is available from the Canadian Dental Hygienists Association (www.cdha.ca).

92.3.3 Registration to Practise

The Registrar of the Alberta Dental Association may refuse to issue a license and/or registration certificate to practise dentistry to any applicant with a criminal record. Likewise, the Alberta Dental Hygienists Association may refuse to issue a license and/or registration certificate to practise dental hygiene to any applicant with a criminal record.

92.4 Finance

92.4.1 DDS Degree

No student is allowed to purchase a kit without permission of the Department of Dentistry. National Board Exam fees are additional.

Note: The figures are based on 2000/2001; figures are subject to change without notice.

<table>
<thead>
<tr>
<th>Estimated Budget for DDS Students</th>
<th>Year 1</th>
<th>Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructional and Non-Instructional</td>
<td>$7,700</td>
<td>$7,700</td>
</tr>
<tr>
<td>National Board Exam fees</td>
<td>7,000</td>
<td></td>
</tr>
<tr>
<td>Books</td>
<td>1,200</td>
<td>1,100</td>
</tr>
<tr>
<td>Dental Kits</td>
<td>8,800</td>
<td>7,430</td>
</tr>
<tr>
<td>Dental Students Association</td>
<td>75</td>
<td>75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Budget for DH Students</th>
<th>Preprofessional Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructional and Non-Instructional</td>
<td>$4,200</td>
<td>$5,100</td>
<td>$4,100</td>
</tr>
<tr>
<td>Clinical Operation Fee (COF)¹</td>
<td>1,050</td>
<td>1,050</td>
<td></td>
</tr>
<tr>
<td>Books</td>
<td>500</td>
<td>900</td>
<td>600</td>
</tr>
<tr>
<td>Dental Hygiene Kits</td>
<td>N/A</td>
<td>4,350</td>
<td>1,830</td>
</tr>
<tr>
<td>Membership Fees</td>
<td>N/A</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

¹ COF is applicable to students who entered the program in September 2000.

92.4.2 Dental Hygiene Diploma

Note: The figures are based on 2000/2001; figures are subject to change without notice.

<table>
<thead>
<tr>
<th>Estimated Budget for DH Students</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructional and Non-Instructional</td>
<td>$2,075</td>
</tr>
<tr>
<td>Clinical Operation Fee (COF)²</td>
<td>$2,075</td>
</tr>
<tr>
<td>Books</td>
<td>900</td>
</tr>
<tr>
<td>Dental Hygiene Kits</td>
<td>N/A</td>
</tr>
<tr>
<td>Membership Fees</td>
<td>100</td>
</tr>
</tbody>
</table>

¹ Students who are in their preprofessional year in 2000/2001 will not pay the Clinical Operation Fee. However, for those students entering the preprofessional year directly from secondary (high) school, a yearly COF of $1,050 will apply.

Uniforms: The student is expected to have a lab coat, uniform, white lab coat, uniform, shoes and safety glasses. The lab coat, uniform, shoes, and safety glasses are purchased under the direction of the program.

Field Experiences: Students are responsible for their own transportation to and from field experiences scheduled in the Edmonton area.

92.4.3 Bachelor of Science (Dental Hygiene Specialization)

Note: The figures are based on 2000/2001; figures are subject to change without notice.

<table>
<thead>
<tr>
<th>Estimated Budget for Students</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructional and Non-Instructional</td>
<td>$2,075</td>
</tr>
<tr>
<td>Clinical Operation Fee (COF)²</td>
<td>$2,075</td>
</tr>
<tr>
<td>Books</td>
<td>900</td>
</tr>
<tr>
<td>Dental Hygiene Kits</td>
<td>N/A</td>
</tr>
<tr>
<td>Membership Fees</td>
<td>100</td>
</tr>
</tbody>
</table>

¹ The estimated budget shown in 92.2.4.2 applies to the first three years of this program.

² In 2001, Instructional/Non-Instructional and Clinic Operation fees total $1,860 for the year. The COF is included in the Instructional and Non-Instructional
fee (i.e. fee index value). Beginning in 2002, the estimated Instructional/Non-
Instructional and COF fees are $4,651.

92.4.4 Bachelor of Science (Dental Hygiene Specialization) Post Diploma Degree Completion Program

(See §92.4.3)

92.4.5 Advanced Placement Program (DDS)

Note: The figures are based on 2000/2001; figures are subject to change without notice.

<table>
<thead>
<tr>
<th>Estimated Budget for Students</th>
<th>Year 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructional and Non-Instructional</td>
<td>$7,700</td>
</tr>
<tr>
<td>Clinic Operation Fee (COF)</td>
<td>28,000</td>
</tr>
<tr>
<td>Books</td>
<td>800</td>
</tr>
<tr>
<td>Dental Kits</td>
<td>10,800</td>
</tr>
<tr>
<td>Membership Fees</td>
<td>75</td>
</tr>
</tbody>
</table>

92.4.6 MD Degree

Information on fees charged to students in the MD and MSc programs is given in §92. In addition, medical students spend approximately $2,000 each year for books, supplies and instruments. Fourth-year medical students pay an examination fee of approximately $700 to the Medical Council of Canada in January of their final year.

All medical students are encouraged to take the following courses: First Aid, Cardiopulmonary Resuscitation, and Advanced Cardiac Life Support. Students are responsible for the corresponding fees.

Some remuneration is presently given to final year MD students by Alberta Health, Government of Alberta.

Details of scholarships and other financial assistance for medical students are available in the Awards section of this Calendar or by contacting the MD Program Office, Admissions and Undergraduate Medical Education, 2-45 Medical Sciences Building; phone (780) 492-6350.

92.5 Medical and Dental Society Memberships

The Medical Students’ Association (MSA) is the officially recognized organization of medical students. It provides social, informative, and cultural activities for medical students, and sponsors several important community projects. It is authorized to collect a membership fee from each student. The Association provides the following annual awards: the Outstanding Teacher Awards presented to one teacher for excellence as an educator in each year of the program; the Shinerama Award presented to a graduating student for exceptional contributions to the work of the Association; the MacKenzie Award presented to a graduating student judged most proficient in clinical skills; and the Fried Award presented to the student intern who has demonstrated exceptional clinical aptitudes in Pediatrics. Some projects sponsored by the MSA and run by medical students are the University of Alberta branch of Shinerama, a program dedicated to raising money for Cystic Fibrosis research; and IATROS, a student medical journal dedicated to publishing student articles and increasing communication between current students and alumni. Many social activities and sports events are also planned throughout the year.

The Medical Alumni Association is an organization of all graduates in Medicine from the University of Alberta. The Association takes an active interest in the Faculty and provides a limited loan fund for undergraduate and graduate students. In addition, the Association participates in a number of awards to dental students. In particular, it provides limited funds to finance specific projects in the Department and honors convocating students and graduates of the silver anniversary class.

The Department of Dentistry sponsors a wide variety of continuing dental education opportunities throughout the year through the Continuing Dental Education program. Courses are offered both on campus and occasionally at other site within the province. Annually, thousands of dentists, dental hygienists, dental assistants and others participate in the many lecture, hands-on clinical and laboratory-type courses that are offered. Local and visiting speakers of national and international reputation provide continuing education of a high quality.

93 Admission and Academic Regulations

93.1 Admission

See §§13 and 14 for general admission requirements to the University. See 515 for specific admission information for the DDS, Dental Hygiene, MD, and BSc in Medical Laboratory Science programs.

93.1.1 Combined Program for the Degrees of MD and PhD

Highly qualified students wanting to pursue a career of teaching and research in basic medical science or clinical medicine may enroll in a program of approximately six to eight years leading to the acquisition of both an MD and a PhD degree.

Students in the first year of the MD program may apply to the Combined Program. If acceptable to the appropriate department, to the Faculty of Medicine and Dentistry, and to the Faculty of Graduate Studies and Research, the student is admitted to the PhD program. Normally, on completion of two years of the MD program, the student registers in the PhD program. The time needed to complete the requirements for the PhD depends on the applicant’s previous training and the nature of the research. On completion of the PhD program, the student re-enters the Faculty of Medicine and Dentistry and completes the requirements for the MD degree.

Students interested in such a program may obtain further information from the Office of Research, Faculty of Medicine and Dentistry, 222.11 Walter C Mackenzie Health Sciences Centre.

93.2 Academic Standing and Graduation

93.2.1 DDS Degree

Important note: The DDS and MD programs have been revised effective September 1998. The programs listed in this edition of the University Calendar apply only to those students admitted for September 1998 and beyond. Continuing students should consult the Calendar in place in the year in which they were admitted, or they should consult the Faculty of Medicine and Dentistry for information about their programs of study. However, academic standing and promotion regulations, as published here, apply to all students in the program. The program leading to the DDS degree is conducted in four years (1, 2, 3 and 4) under the direction of the Faculty committees (see §94.2).

(1) No credit will be granted for courses completed in preprofessional years and no course exemptions will be allowed.
(2) The Dean, or Supervisor acting on behalf of the Dean, may immediately deny assignment of a student to, withdraw a student from, or vary terms, conditions or site of practicum/clinical placement if the Dean or Supervisor has reasonable grounds to believe that this is necessary in order to protect the Public Interest. (See §23.8.2, Practicum Placements, Professional Practice and the Public Interest and §47 GFC Policy Manual.)

(3) The Council of the Faculty of Medicine and Dentistry approves the principle that the means of assessing a student’s progress and determining a student’s grades may vary from one course to another in accordance with the nature of the course. Factors other than examination results may be used to a variable extent by instructors in determining grades.

(4) Students are advised at the beginning of each course and year of the procedures to be used in their evaluation, the determination and reporting of their grades, and the standards required by the Faculty. Students are also advised of the procedures for appeal established with the Faculty and the University. Students must satisfactorily complete all components of all courses.

(5) On their official transcripts students are not ranked or assigned a numeric grade, but are designated as having passed (received credit) or failed a course.

(6) **Reexaminations**
   a. Students are allowed reexamination privileges only in courses that are failed.
   b. The Department of Dentistry Academic Standing Committee and the Faculty Academic Standing and Promotion Committee must approve reexaminations for students who fail two or fewer courses. Students with more than two (2) failed courses in any academic year will not be allowed reexamination privileges.
   c. The Department of Dentistry Academic Standing Committee and the Faculty Academic Standing and Promotion Committee may allow reexamination of a didactic component of a course if a student fails the didactic component of a clinical course but passes the clinical portion. Reexamination is not permitted in courses that are entirely clinical or in clinical components of courses that include both didactic and clinical components.
   d. If a reexamination is approved, satisfactory completion of a remedial program may be required by the Faculty of Medicine and Dentistry Academic Standing and Promotion Committee before the student is permitted to take the reexamination.
   e. Students are advised that it is not possible to make a ruling regarding remediation or reexamination until all grades for a year are received and recorded.
   f. The Faculty of Medicine and Dentistry Academic Standing and Promotion Committee will specify by course the remediation/reexamination required of a failed student for the purposes of meeting promotion/graduation requirements.
   g. A student who does not take a reexamination within the period of time prescribed by the Faculty will not be allowed to continue in the program.
   h. The reexamination mark (as in the case of a deferred mark) will replace the original final exam mark.
   i. Reexaminations in all years of the DDS program must be approved first by the Department of Dentistry Academic Standing Committee and then by the Faculty Academic Standing and Promotion Committee.
   j. Over the program reexamination privileges will not exceed five reexaminations to a combined maximum of 20.

(7) **Academic Standing:** Final decisions regarding academic standing and promotion to the next year or graduation are made by the Faculty Academic Standing and Promotion Committee.
   a. No student may proceed to any subsequent year of the DDS program and will be required to withdraw unless they have passed all courses for that academic year.
   b. A student who fails more than two courses in any year of the program will be required to withdraw from the program.

(8) **Regulations Concerning Repetition of a Year because of Academic Failure**
   a. No student will be allowed to repeat any year of the DDS program with the exception of fourth year students who may be granted the status of “Special Category Repeating Student”. See below for details.
   b. Special Category Repeating Student: a student who fails to meet some requirements in the final-year of the program may be designated a Special Category repeating student. In order to be considered as a Special Category repeating student in fourth-year Dentistry, the student must:
      i. have clinical deficiencies in no more than two clinical disciplines and have been advised that the deficiency could be corrected within one term of instruction; and
      ii. have successfully completed all written examinations in the DDS program.

Further information regarding the Special Category repeating student may be obtained from the Department Office. Students repeating the final year are not eligible for awards.

(9) **Voluntary Withdrawal:** A student wanting to temporarily withdraw from the DDS program is required to make written application to the Associate Dean of Dentistry, stating the reasons for withdrawal and the intended period of withdrawal. Readmission to the DDS program following voluntary withdrawal is based on the following:
   a. A review, by the Faculty, of the reasons for withdrawal and of the student’s academic record.
   b. Availability of a place, within quota, in the class to which the student seeks readmission. Priority is assigned in the following order:
      i. Students who have met normal promotion requirements
      ii. Faculty-approved repeating students and students returning after voluntary withdrawal, in order of academic standing
   c. The length of time the student interrupts studies leading to the DDS degree must not exceed two years in total.

(10) **Faculty Advisor:** At the discretion of the Faculty, an advisor may be assigned to students having difficulty meeting promotion requirements. The method of assignment and role of the advisor is determined by the Faculty.

(11) All students registered in the Dentistry program are required by provincial legislation to be registered in the Educational Register of the Alberta Dental Association. This registration permits the practice of dentistry within the confines of the formal dental curriculum. Students in the DDS program are required to adhere to the professional code of ethics of the Alberta Dental Association (See §261.4(T)).

(12) **Hepatitis B:** Current information indicates that there is a potential risk of transmission of Hepatitis B from practitioner to patients in the clinical dental setting. Therefore, applicants will be required to be tested for Hepatitis B surface antigen by the University Health Centre at the University of Alberta. Applicants who test positive for Hepatitis B surface antigen will be tested for Hepatitis B “e” antigen and Hepatitis B viral DNA to help determine infectivity risk. If either Hepatitis B “e” antigen or Hepatitis B viral DNA is positive the offer of acceptance will be withdrawn and registration in the DDS program will not be completed (see §15.8.5).

   For those applicants who test negative to Hepatitis B surface antigen and are registered in the DDS program, Hepatitis B vaccination will be required. An exception will be made for those who are medically contraindicated or for those who have proof of Hepatitis B immunity. After vaccination, students will receive a test to determine if they have developed immunity. If they have not, further Hepatitis B vaccination scheduling will be determined by the University Health Centre. Those students who then fail to develop immunity will be counselled as to their potential risk status during training and future practice.

   At all times students will follow *Universal Precautions* when there is potential of exposure to human blood or body fluids.

   Hepatitis C: Hepatitis C antibody testing will be performed by the University Health Centre on all students accepted into Dentistry. Those students found to be positive will be counselled as to how to minimize the risk of transmission to patients and how to manage their own health. Testing of dental students may be performed a second time at a later stage of their program.

   Human Immunodeficiency Virus (HIV): Currently, the data relating to transmission of the human immunodeficiency virus (HIV) from a health care worker (HCW) to a patient in a health care setting is extremely limited, although transmission from patients to a HCW is more common. Therefore, all students accepted into the Faculty of Medicine and Dentistry are encouraged to undergo HIV testing upon admission and at any time during their program when concerns about infection have arisen, but testing for HIV will not be made mandatory at this time.

3.2.2 DDS Advanced Placement Program

The program leading to the DDS Advanced Placement is conducted in a minimum of two years (see §94.3, Years 3 and 4).
No credit will be granted for courses completed prior to admission and no course exemptions will be allowed.

The Dean, or Supervisor acting on behalf of the Dean, may immediately deny assignment of a student to, withdraw a student from, or vary terms, conditions or site of practicum/clinical placement if the Dean or Supervisor has reasonable grounds to believe that this is necessary in order to protect the Public Interest. (See §23.8.2, Practicum Placements, Professional Practice and the Public Interest and §87 GFC Policy Manual)

The Council of the Faculty of Medicine and Dentistry approves the principle that the means of assessing a student’s progress and determining a student’s grades may vary from one course to another in accordance with the nature of the course. Factors other than examination results may be used to a variable extent by instructors in determining grades.

Students are advised at the beginning of each course and year of the Program must be approved by the Faculty. Students are also advised of the procedures for appeal established with the Faculty and the University. Students must satisfactorily complete all components of all courses.

On their official transcripts students are not ranked or assigned a numeric grade, but are designated as having passed (received credit) or failed a course.

Students are allowed reexamination privileges only in courses that are failed.

The Department of Dentistry Academic Standing Committee and the Faculty Academic Standing and Promotion Committee must approve reexaminations for students who fail two or fewer courses. Students with more than two (2) failed courses in any academic year will not be allowed reexamination privileges.

The Department of Dentistry Academic Standing Committee has the authority to determine the reexamination mark (as in the case of a deferred mark) will be permitted to take the reexamination.

Students are advised that it is not possible to make a ruling regarding remediation or reexamination until all grades for a year are received and recorded.

The Faculty of Medicine and Dentistry Academic Standing and Promotion Committee will specify by course the remediation/reexaminations required of a failed student for the purposes of meeting promotion/graduation requirements.

A student who does not take a reexamination within the period of time prescribed by the Faculty will not be allowed to continue in the program.

The reexamination mark (as in the case of a deferred mark) will replace the original final exam mark.

Reexaminations in all both years of the Program must be approved first by the Department of Dentistry Academic Standing Committee and then by the Faculty Academic Standing and Promotion Committee.

Academic Standing: Final decisions regarding academic standing and promotion to the next year or graduation are made by the Faculty Academic Standing and Promotion Committee.

No student may proceed to next year of the Program and will be required to withdraw unless they have passed all courses for that academic year.

A student who fails more than two courses in any year of the program will be required to withdraw from the program.

Students in the DDS Advanced Placement Program are not eligible for awards.

Regulations Concerning Repetition of a Year because of Academic Failure: Students in the DDS Advanced Placement Program will not be permitted to repeat a year.

Voluntary Withdrawal: A student in the DDS Advanced Placement Program who chooses to withdraw, forfeits the position and will not be readmitted.

Faculty Advisor: At the discretion of the Faculty, an advisor may be assigned to students having difficulty meeting promotion requirements. The method of assignment and role of the advisor is determined by the Faculty.

All students registered in the DDS Advanced Placement Program are required by provincial legislation to be registered in the Educational Register of the Alberta Dental Association. This registration permits the practice of dentistry within the confines of the formal dental curriculum. Students in the Program are required to adhere to the professional code of ethics of the Alberta Dental Association (See §526.1.4(7)).

Hepatitis B: Current information indicates that there is a potential risk of transmission of Hepatitis B from practitioner to patients in the clinical dental setting. Therefore, applicants will be required to be tested for Hepatitis B surface antigen by the University Health Centre. Applicants who test positive for Hepatitis B surface antigen will be tested for Hepatitis B “e” antigen and Hepatitis B viral DNA to help determine infectivity risk. If either Hepatitis B “e” or Hepatitis B viral DNA is positive the offer of acceptance will be withdrawn and registration in the DDS Advanced Placement Program will not be completed.

For those applicants who test negative to Hepatitis B surface antigen and are registered in the DDS Advanced Placement Program, Hepatitis B vaccination will be required. An exception will be made for those who are medically contraindicated or for those who have proof of Hepatitis B immunity. After vaccination, students will receive a test to determine if they have developed immunity. If they have not, further Hepatitis B vaccination scheduling will be determined by the University Health Centre. Those students who then fail to develop immunity will be counselled as to their potential risk status during training and future practice.

At all times students will follow Universal Precautions when there is potential of exposure to human blood or body fluids.

Hepatitis C: Hepatitis C antibody testing will be performed by the University Health Centre on all students accepted into the DDS Advanced Placement Program. Those found to be positive will be counselled as to how to minimize the risk of transmission to patients and how to manage their own health. Testing of dental students may be performed a second time at a later stage of their program.

Human Immunodeficiency Virus (HIV): Currently, the data relating to transmission of the human immunodeficiency virus (HIV) from a health care worker (HCW) to a patient in a health care setting is extremely limited, although transmission from patients to a HCW is more common. Therefore, all students accepted into the Faculty of Medicine and Dentistry are encouraged to undergo HIV testing upon admission and at any time during their program when concerns about infection have arisen, but testing for HIV will not be made mandatory at this time.

93.2.3 Dental Hygiene Diploma/Bachelor of Science (Dental Hygiene Specialization)

The following apply to students in the Dental Hygiene Diploma or Bachelor of Science (Dental Hygiene Specialization) programs.

(1) Alberta certification in CPR (Cardiopulmonary Resuscitation) at the Basic Rescuer Level is required.

(2) Students entering the Dental Hygiene program may be granted credit for courses completed preprofessionally that are deemed by the Department Chair, in consultation with the course coordinator and the Chair of the Academic Standing Committee, to be demonstrably equivalent to courses for which credit is being sought. Credit is considered only when the student has achieved a grade of 6.0 or more in the qualifying course(s).

Students carrying a reduced academic load exceeding a total of 6.0 will not be eligible for awards.

(3) The Dean, or Supervisor acting on behalf of the Dean, may immediately deny assignment of a student to, withdraw a student from, or vary terms, conditions or site of practicum/clinical placement if the Dean or Supervisor has reasonable grounds to believe that this is necessary in order to protect the Public Interest. (See §23.8.2, Practicum Placements, Professional Practice and the Public Interest and §87 GFC Policy Manual)

(4) The Council of the Faculty of Medicine and Dentistry approves the principle that the means of assessing a student’s progress and determining a student’s grades may vary from one course to another in
The text appears to be a continuation of information about academic standing and promotion procedures, including regulations for reexaminations, voluntary withdrawal, and special category repeating third-year students. The text contains specific details about the requirements for reexaminations, academic standing, and the procedures for voluntary withdrawal. It also mentions the conditions under which a student's academic standing might be reviewed, including the role of the faculty advisor. The text is a part of a larger document that provides comprehensive guidelines for students pursuing various programs at the University of Alberta.
The program leading to the MD degree is conducted in four Years (1, 2, 3 and 4). Years 1 and 2 are under the direction of a preclinical coordinating committee and Years 3 and 4 under the direction of a clinical coordinating committee. (See §94.3.)

(1) No credit will be granted for courses completed in preprofessional years and no course exemptions will be allowed.

(2) The Dean, or Supervisor acting on behalf of the Dean, may immediately deny assignment of a student to, withdraw a student from, or vary terms, conditions or site of practicum/clinical placement if the Dean or Supervisor has reasonable grounds to believe that this is necessary in order to protect the Public Interest. (See §23.8.2, Practicum Placements, Professional Practice and the Public Interest and §87 GFC Policy Manual.

(3) The Council of the Faculty of Medicine and Dentistry approves the principle that the means of assessing a student's progress and determining a student's grades may vary from one course to another according to the nature of the course. Factors other than examination results may be used to a variable extent by instructors in determining grades, but students are informed at the beginning of the course how grades are to be determined.

(4) Students are advised at the beginning of each course, and year of the academic year, that students are advised that it is not possible to make a ruling regarding academic standing and promotion to the next year of graduation. Final decisions regarding academic standing and promotion to the next year of graduation are made by the Faculty Academic Standing and Promotion Committee.

(5) Comprehensive Examinations:
   a. At the end of second year, students take a preclinical comprehensive examination (denoted as MED 520) covering material presented in the first two years of the program.
   b. At the end of fourth year, students take a comprehensive examination (denoted as MED 440/540) covering material presented in all four years of the program. Students must pass all clinical clerkship requirements in Years 3 and 4, excluding MED 440/540, before they will be allowed to take the comprehensive examination. The Academic Standing Committee will review eligibility for writing the comprehensive exam after students have met all clinical clerkship requirements, normally in late March.
   c. Students must pass the comprehensive examination before being promoted or allowed to graduate.

(6) Students are not ranked or assigned a numeric grade, but are designated as having passed (received credit) or failed a course.

(7) Reexaminations:
   a. Students are allowed reexamination privileges only in courses that are failed.
   b. A student repeating a year is not allowed reexamination privileges in that year.
   c. Students are advised that it is not possible to make a ruling regarding remediation or reexamination until all grades for a year are received and recorded.
   d. If a reexamination is approved, satisfactory completion of a remedial program may be required before the student is permitted to take the reexamination.
   e. A student who does not take a reexamination within the period of time prescribed by the Faculty will not be allowed to continue in the program.
   f. The reexamination mark will replace the original final exam mark (as in the case of a deferred mark).
   g. For continuing students who entered the program prior to September 1998, reexamination privileges will be granted only if a student has failed two or fewer courses with course weights less than or equal to 20% of the total course weight for that year of the program.
   h. For students entering the program in September 1988 and beyond, reexamination privileges will be granted only to students failing one course in any year of the program.
   i. Reexamination of MED 440/540 Comprehensive Examination: Students who fail the comprehensive examination will be granted a reexamination.

(8) Academic Standing: Final decisions regarding academic standing and promotion to the next year of graduation are made by the Faculty Academic Standing and Promotion Committee.

a. No student may proceed to any subsequent year of the medical program and will be required to withdraw unless they have passed all courses for that academic year.

b. Students who do not pass all Year 3 and 4 courses, excluding MED 440/540 (comprehensive exam) will not be allowed to write the comprehensive exam and will be required to withdraw.

c. Continuing students who entered the program prior to September 1998, who have failed two or more courses with course weights more than or equal to 20% of the total course weight for that Year of the program will be required to withdraw.

d. Students entering the MD program in September 1998 and beyond who fail more than one course in a Year of the program will be required to withdraw from the program.

(9) Regulations Concerning Repetition of a year because of Academic Failure:
   a. No student will be allowed to repeat Year 1 of the MD program. At the discretion of the Dean, students in Year 2, 3 or 4 may be allowed to repeat a failed year.
   b. A student repeating a year is not allowed reexamination privileges in that year of the program.
   c. No student is allowed to repeat more than one year of the MD program.

(10) Voluntary Withdrawal: A student wishing to temporarily withdraw registration from the MD program is required to make written application to the Associate Dean of Undergraduate Medical Education, stating the reasons for withdrawal and the intended period of absence. Readmission to the MD program following voluntary withdrawal will be based on the following:
   a. review, by the Faculty, of the reasons for withdrawal and of the student's academic record;
   b. Availability of a place, within quota, in the class to which the student seeks readmission. Priority is assigned in the following order:
      i) students who have met normal promotion requirements.
      ii) Faculty approved repeating students and students returning after voluntary withdrawal, in order of academic standing.
   c. The length of time the student interrupts studies leading to the MD degree must not exceed two years in total.

(11) Faculty Advisor: At the discretion of the Faculty, an advisor may be assigned to students having difficulty meeting promotion requirements. The method of assignment and role of the advisor shall be determined by the Faculty.

(12) All students registered in the MD program are required by provincial legislation to be registered in the Educational Register of the Alberta College of Physicians and Surgeons. This registration permits the practice of medicine within the confines of the formal medical curriculum. Students in the MD program are required to adhere to the professional code of ethics of the Alberta College of Physicians and Surgeons. (See §26.1.4(7)).

(13) For students in Medicine, where there is a greater potential for transmission of bloodborne pathogens from students to patients as a result of activities involved in their clinical experience in practice settings, the following procedures will apply:

   Hepatitis B: Hepatitis B antigen testing will be performed by the University Health Centre on all students after acceptance into the program. Students who test negative for Hepatitis B surface antigen (HbsAg), Hepatitis B vaccination will be required. An exception will be made for those for whom is medically contraindicated or for those individuals who have proof of prior vaccination and test positive for antibody to Hepatitis B surface antigen (anti-HBs). After vaccination, students will receive a second test to determine if they have converted to the appropriate antibody titre. If they have not converted they will receive a second vaccination and again be tested. Those students who then fail to convert will be counselled as their potential risk status during training and future practice. All students who test negative for Hepatitis B surface antigen after vaccination will be tested again for surface antigen and Hepatitis B viral DNA at the end of second year, prior to standing clinical placements.

   For students who test positive for Hepatitis B surface antigen their “e” antigen (HbeAg) status and the presence of Hepatitis B viral DNA will be determined. If they are found to be positive for the “e” antigen or the viral DNA they will be counselled as to their risk of infecting patients and they will be required to follow a modified clinical training program.
The decision of the Faculty as to the modifications to the training program may be appealed to the Practice Review Board (§67, GFC Policy Manual).

Hepatitis C: Hepatitis C antibody testing will be performed by the University Health Centre on all students accepted into Medicine. Those found to be positive will be counselled as to how to minimize their risk of transmission to patients and how to manage their own health. Testing of Medical students may be repeated at the end of second year prior to their starting clinical placements.

Human Immunodeficiency Virus (HIV): Currently, the data relating to transmission of the human immunodeficiency virus (HIV) from a health care worker (HCW) to a patient in a health care setting is extremely limited, although transmission from patients to a HCW is more common. Therefore, all students accepted into the Faculty of Medicine and Dentistry are encouraged to undergo HIV testing upon admission and at any time during their program when concerns about infection have arisen, but testing for HIV will not be made mandatory at this time.

93.2.5 BSc Program in Medical Laboratory Science

(1) Promotion in the Medical Laboratory Science program depends on passing grades in all subjects of the previous year with a minimum GPA of 5.0, as well as the following requirements:

Phase I

Each laboratory instructor assesses the competence in communication, comprehension, and technical skills of each student four times throughout the academic year. These assessments are documented as a written evaluation that the student is asked to sign. At the end of the Phase, the instructors assign each student a pass or probationary rating based on these evaluations. Students with a GPA of 5.0 who have a majority of unsatisfactory technical ratings are permitted to proceed into Phase II on probation. Students in Phase II who are on probation must withdraw if they receive an unsatisfactory technical rating in any one course. Students entering Phase II with a majority of pass ratings from all the Phase I Medical Laboratory Science courses are assessed as having satisfactory standing.

Phase II

For those Medical Laboratory Science courses with both technical and academic demands, the student must successfully complete the requirements of both components to receive a passing grade.

The competence in communication, comprehension, and technical skills of each student will be assessed by Competency Based Objectives (CBOs) in each Medical Laboratory Science course. Students must pass all the CBOs for each course according to the policies outlined in the specific manuals for each course. Students who do not achieve this in any one course will be required to satisfactorily complete a remedial period of training in that course. A student who requires remedial training in more than one course will be required to withdraw. Students who have entered Phase II on probation (see Phase I) will not normally be allowed remedial training and will be required to withdraw.

(2) The quota for Phase I students is 26.

(3) Reexamination: See §23.5.5

(4) A student permitted to repeat a course or an entire phase must withdraw unless a minimum average grade of 6.0 is obtained on the repeated work.

(5) Any student whose technical work or academic performance is deemed unsatisfactory may be required to withdraw from the Faculty.

(6) For students in Medical Laboratory Science, where there is a greater potential for transmission of bloodborne pathogens from students to patients as a result of activities involved in their clinical experience in practice settings, the following procedures will apply:

Hepatitis B: Hepatitis B antibody testing will be performed by the University Health Centre on all students after acceptance into the program. Students who test negative for Hepatitis B surface antigen (HbsAg), Hepatitis B vaccination will be required. An exception will be made for those for whom is medically contraindicated or for those individuals who have proof of prior vaccination and test positive for antibody to Hepatitis B surface antigen (anti-HBs). After vaccination, students will receive a second test to determine if they have converted to produce the appropriate antibody titre. If they have not converted they will receive a second vaccination and again be tested. Those students who then fail to convert will be counselled as their potential risk status during training and future practice.

For students who test positive for Hepatitis B surface antigen their “e” antigen (HbeAg) status and the presence of Hepatitis B viral DNA will be determined. If they are found to be positive for the “e” antigen or the viral DNA they will be counselled as to their risk of infecting patients.

Hepatitis C: Hepatitis C antibody testing will be performed by the University Health Centre on all students accepted into Medical Laboratory Science. Those found to be positive will be counselled as to how to minimize their risk of transmission to patients and how to manage their own health.

Human Immunodeficiency Virus (HIV): Currently, the data relating to transmission of the human immunodeficiency virus (HIV) from a health care worker (HCW) to a patient in a health care setting is extremely limited, although transmission from patients to a HCW is more common. Therefore, all students accepted into the Faculty of Medicine and Dentistry are encouraged to undergo HIV testing upon admission and at any time during their program when concerns about infection have arisen, but testing for HIV will not be made mandatory at this time.

93.3 Appeals and Grievances

Students may appeal academic standing decisions in the Faculty. There are informal ways to appeal as well as strict deadlines for submission of formal appeals. Students may obtain the Faculty’s complete appeal regulations from the Undergraduate Medical Education office. Under certain conditions, an unsuccessful appeal in the Faculty may be carried to the General Faculties Council Academic Appeals Committee. See §23.8.

Students who have a grievance about a grade in an individual course taught in this Faculty should consult §23.8, which describes the informal process for addressing concerns about grades. There is also a formal process in the Faculty for appealing a grade. This process, including deadlines for submission of an appeal, is set out in the Faculty’s academic appeal regulations, available in the Faculty’s Undergraduate Medical Education office, 2-45 Medical Sciences Building.

93.4 Professional Standards for Students in the Faculty of Medicine and Dentistry

The University Code of Student Behaviour (§26) describes a range of non-academic and academic offences deemed unacceptable and for which a student may be penalized. Additionally, the Faculty of Medicine and Dentistry has filed with the Campus Law Review Committee a list of offences representing gross professional misconduct (see §26.1.4).

94 Programs of Study

94.1 Protection of Persons in Care

Students should be aware that under the Alberta Protection of People in Care Act, they can be required to satisfy a criminal records check before being allowed to serve a period of internship/practicum placement/work experience placement. Refer to §23.8.3.

94.2 DDS Degree

General Information

Curriculum

The Department of Dentistry offers a four-year (11-term) program leading to the degree of Doctor of Dental Surgery (DDS), following satisfactory completion (after senior matriculation) of at least two preprofessional years of university education. The preprofessional years provide the necessary background in inorganic chemistry, organic chemistry, biology, physics, biochemistry, statistics, the humanities, and social sciences.

The first and second years of the dental program are combined with the MD program. The curriculum is taught in blocks and covers areas as Infection, Immunity and Inflammation, Endocrine System, Cardiovascular, Pulmonary and Renal Systems, Gastroenterology and Nutrition, Reproductive Medicine and Urology, Musculoskeletal System, Neurosciences, Oncology. These subjects are augmented by dental courses offered by the respective divisions. The lectures, laboratories, seminars, and clinics offered by the Department of
Dentistry relate and integrate these fundamental disciplines with the knowledge, skills, judgment, and performance required of dental practitioners. Students are assigned to the Dental Clinic and the Department of Dentistry at the University of Alberta Hospital. An experience in the Satellite Dental Clinic and the external hospitals is required in the final year of the program. Thus students are able to relate their field of health service to the science and art of preventing, treating, and alleviating disease.

See 1775 for information on programs of graduate study offered by the Department.

Library

The Medical Sciences reading room of the John W Scott Health Sciences Library contains a comprehensive selection of reference materials and textbooks on dentistry and related subjects. In addition, it contains most current dental journals in English and other languages, and the Index to Dental Periodical Literature, an index to all dental periodicals since 1839.

Orientation

It is mandatory that each student, after acceptance into the program, attend Orientation. This is scheduled immediately before the beginning of the first term of each year.

Course Requirements

### Year 1

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<tr>
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## 94.3 DDS Advanced Placement Program

### General Information

The Department of Dentistry offers an advanced placement DDS degree to a selected number of students who already possess a dental degree from a dental program recognized by the World Health Organization. After successful entry into the program, these students will enter the third year of the program and will be fully integrated with the third year students. The purpose of the program is to enable these students to write the National Dental Examining Board examinations for certification to practice dentistry in Canada.

### Curriculum for Advanced Placement Students

Prior to entry into the program, students will be required to successfully complete a pre-clinical assessment course. This course will assess the students’ ability to perform clinical procedures for the treatment of patients. If successful, these students will then enter the third year of the normal DDS program. First-year Advanced Placement students (third-year DDS program) will be assigned to treat patients in the University’s Department of Dentistry clinics under the supervision of the clinical faculty.

Second-year Advanced Placement students will follow the fourth year DDS curriculum which will include assignments to the Satellite Dental Clinic and external hospitals. Thus students are able to relate their field of health service to the science and art of preventing, treating, and alleviating disease.

### Course Requirements

#### Year 1 (first year of the advanced placement program, regular third year DDS program)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDS 541</td>
<td>★1</td>
<td>15-0-0</td>
</tr>
<tr>
<td>DDS 542</td>
<td>★1</td>
<td>15-0-0</td>
</tr>
<tr>
<td>DDS 545</td>
<td>★50</td>
<td>40 weeks</td>
</tr>
<tr>
<td>DDS 547</td>
<td>★1</td>
<td>15-0-0</td>
</tr>
<tr>
<td>DDS 549</td>
<td>★3</td>
<td>25-0-45</td>
</tr>
<tr>
<td>DDS 555</td>
<td>★1</td>
<td>15-0-0</td>
</tr>
</tbody>
</table>

#### Year 2 (second year of the advanced placement program, regular fourth year DDS program) (effective 2001-2002)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDS 565</td>
<td>★50</td>
<td>30 weeks</td>
</tr>
</tbody>
</table>

## 94.4 Dental Hygiene Diploma/Bachelor of Science (Dental Hygiene Specialization)

### General Information

The Department of Dentistry offers a Diploma in Dental Hygiene and a Bachelor of Science (Dental Hygiene Specialization). The Dental Hygiene Program enables students to acquire knowledge and develop skills and attitudes so that they may assume positions of responsibility in private dental practice or community health care settings.

The dental hygienist is an integral member of the health care team and strives to improve oral health by providing preventive and educational services to the public. Clinical dental hygiene services may include assessing patients’ health status, inspecting hard and soft tissues of the oral cavity, removing deposits and stains from teeth, exposing and developing dental radiographs, applying topical fluorides, taking impressions for study models, and polishing amalgam restorations. Educational and management services for individuals and/or groups may include nutritional and oral hygiene counselling and community dental health program planning, implementation, and evaluation.

A Bachelor of Science (Dental Hygiene Specialization) will prepare hygienists to participate productively in a health care system that emphasizes prevention, primary care, accountability, quality and cost effectiveness. The dental hygienist with a baccalaureate degree is a leader in developing and initiating oral health interventions that prevent and control oral disease and promote oral wellness, and in facilitating change itself. The ultimate goal of a baccalaureate program is to prepare students to contribute significantly to the improvement of oral health goals in current and future health care delivery systems by preparing well-qualified professionals with knowledge, skills, and awareness at the baccalaureate degree level.

A Bachelor of Science (Dental Hygiene Specialization) degree will afford a broader range of opportunities. With a Bachelor of Science (Dental Hygiene Specialization) degree, graduates are more fully prepared to work in a large number of settings including, but not limited to private dental practices, research, education, industry, health care institutions or health promotion agencies. The Bachelor of Science (Dental Hygiene Specialization) degree prepares graduates to pursue post baccalaureate or graduate programs.

The Dental Hygiene curriculum includes courses from the Faculty of Medicine and Dentistry. During second, third and fourth year, students participate in field experiences in various community settings, such as hospitals, schools, and community agencies/clinics. Experience in an external clinic is required.

Also required is a ★3 course in interdisciplinary studies approved by the Department and normally scheduled in the evening.

In addition to the Diploma curriculum Year 1, 2 and 3, Bachelor of Science (Dental Hygiene Specialization) students will complete a fourth year. During the fourth year, students will learn the foundation of research, expand their knowledge in health promotion utilizing principles and theories of learning, health care organization theory and interdisciplinary ethics. In preparation for the leadership and management roles, leadership, management and decision-making skills are enhanced through didactic and dental hygiene clinical residency program. This program will provide students with a range of
knowledge, human skills, attitudes and values essential for successful personal and professional growth. Additionally, the Residency program will provide students with advanced practice opportunities.

The Dental Hygiene Program is approved by the Commission on Dental Accreditation Education of Canada. Successful students must complete the National Dental Hygiene Certification Examination (Canadian). Successful students in the Dental Hygiene Program are encouraged to write the National Board Dental Hygiene Examinations of the American Dental Association.

Further details may be obtained from the Director of the Dental Hygiene Program, Faculty of Medicine and Dentistry.

Orientation

It is mandatory that each student, after acceptance into the program, attend Orientation. This is scheduled immediately before the beginning of the first term of each year.

Course Requirements

The numbers following a course name indicate either the number of weeks assigned to the course or the number of hours spent in lectures, clinics and laboratories.

Diploma in Dental Hygiene

Year 1

| Year 1 | ANAT 200 | 1.5 | 11-29-0 | D HYG 111 | 2 | 26-0-12 |
| Year 1 | BIOL 107 | 3 | 39-0-39 | ENGL 101 | 6 | 78-0-0 |
| Year 1 | CHEM 101 | 3 | 39-0-39 | PSYCO 104 | 3 | 39-0-0 |
| Year 1 | CHEM 161 | 3 | 39-0-39 | SOC 100 | 3 | 39-0-0 |
| Year 1 | CHEM 163 | 3 | 39-0-39 | EQUIVALENT | | |

Year 2

| Year 2 | BIOCH 220 | 3 | 39-0-0 | D HYG 231 | 1 | 14-0-0 |
| Year 2 | D HYG 211 | 5.5 | 84-0-0 | D HYG 232 | 1 | 14-0-0 |
| Year 2 | D HYG 212 | 3 | 0-0-180 | D HYG 240 | 2 | 28-0-6 |
| Year 2 | D HYG 213 | 5 | 90-0-0 | INT D 410 | 3 | 1-32-5-0 |
| Year 2 | D HYG 215 | 2 | 28-0-0 | MMI 422 | 2 | 28-0-9 |
| Year 2 | D HYG 220 | 3 | 28-0-26 | OBIOL 202 | 3 | 45-0-2 |
| Year 2 | D HYG 222 | 2 | 28-0-8 | PHYSL 252 | 3 | 78-0-0 |
| Year 2 | D HYG 230 | 1.5 | 20-0-0 | | | |

Year 3

| Year 3 | D HYG 313 | 16 | 471-0-0 | D HYG 329 | 2.5 | 75-0-0 |
| Year 3 | D HYG 316 | 2.5 | 28-12-0 | D HYG 340 | 2 | 48-0-0 |
| Year 3 | D HYG 317 | 2.5 | 35-0-0 | D HYG 386 | 2 | 14-0-3 |
| Year 3 | D HYG 321 | 2 | 13-39-0 | OBIOL 300 | 2 | 28-0-0 |
| Year 3 | D HYG 322 | 1 | 14-0-0 | OBIOL 302 | 3 | 45-0-0 |
| Year 3 | D HYG 326 | 2.5 | 35-0-0 | OBIOL 305 | 3 | 42-0-0 |

Bachelor of Science (Dental Hygiene Specialization)

In addition to completing the Dental Hygiene Diploma program, students who enroll in the Bachelor of Science degree will complete Year 4 courses.

Year 4

| Year 4 | ANTHR 393 or SOC 382 | 3 | 39-0-0 |
| Year 4 | D HYG 413 | 7 | 0-15-240 |
| Year 4 | D HYG 417 | 3 | 39-0-0 |
| Year 4 | D HYG 422 | 2 | 26-0-0 |
| Year 4 | D HYG 440 | 3 | 39-0-0 |
| Year 4 | HE ED 320 (or equivalent health promotion course) | 3 | 39-0-0 |
| Year 4 | REHAB 462 (or equivalent health-related research course) | 3 | 39-0-0 |
| Year 4 | SOC 210 (or equivalent statistics course) | 3 | 39-0-26 |
| Year 4 | One Option | 3 | 39-0-0 |

The following program will be available for the Dental Hygiene Diploma class of 2000 and 2001.

Year 4

| Year 4 | ANTHR 393 or SOC 382 | 3 | 39-0-0 |
| Year 4 | D HYG 413 | 7 | 0-15-240 |
| Year 4 | D HYG 417 | 3 | 39-0-0 |
| Year 4 | D HYG 440 | 3 | 39-0-0 |
| Year 4 | HE ED 320 (or equivalent health promotion course) | 3 | 39-0-0 |
| Year 4 | REHAB 462 (or equivalent health-related research course) | 3 | 39-0-0 |
| Year 4 | SOC 210 (or equivalent statistics course) | 3 | 39-0-0 |

Bachelor of Science (Dental Hygiene Specialization) Post Diploma Degree Completion Program

A Bachelor of Science (Dental Hygiene Specialization) Post Diploma Degree Completion program will prepare dental hygiene graduates to participate more fully and productively in a health care system that emphasizes prevention, primary care, accountability, quality and cost effectiveness. The dental hygienist with a baccalaureate degree is a leader in developing and initiating oral health interventions that prevent and control oral disease and promote oral wellness, and in facilitating change itself. The ultimate goal of a baccalaureate program is to prepare students to contribute significantly to the improvement of oral health goals in current and future health care delivery systems by preparing well-qualified professionals with knowledge, skills, and awareness at the baccalaureate degree level.

The degree completion program will provide educational opportunities accessible to all qualified candidates tailored to the experienced dental hygienist, the adult learner and the distance learner.

Program A


This program is intended for students who graduated from the University of Alberta Dental Hygiene Program between 1998-2001. Dental Hygiene graduates of 1998-2001 have completed the extended diploma curriculum. The degree completion program consists of the following courses:

| Program A | ANTHR 393 or SOC 382 | 3 | 39-0-0 |
| Program A | D HYG 417 | 3 | 39-0-0 |
| Program A | D HYG 440 | 3 | 39-0-0 |
| Program A | HE ED 320 (or equivalent health promotion course) | 3 | 39-0-0 |

Two Options

| Program A | | 3 |

Program B

Bachelor of Science (Dental Hygiene Specialization) Post Diploma Degree Completion Program: University of Alberta, Dental Hygiene Diploma Graduates (prior to 1998) and dental hygiene graduates from other programs.

This program is intended for University of Alberta graduates prior to 1998 and diploma dental hygiene graduates from accredited dental hygiene programs in Canada and internationally.

The degree completion program consists of the following courses:

| Program B | ANTHR 393 or SOC 382 | 3 | 39-0-0 |
| Program B | D HYG 417 | 3 | 39-0-0 |
| Program B | D HYG 440 | 3 | 39-0-0 |
| Program B | HE ED 110 (or equivalent introductory health promotion course) | 3 | 39-0-0 |
| Program B | HE ED 320 (or equivalent health promotion course) | 3 | 39-0-0 |
| Program B | INT D 410 | 3 | 32-0-5 |
| Program B | REHAB 462 (or equivalent health research course) | 3 | 39-0-0 |
| Program B | Options (2 courses at the 300- or 400-level) | 3 | 39-0-0 |

Program C

Bachelor of Science (Dental Hygiene Specialization) Post Diploma Degree Completion Program: University of Alberta, Dental Hygiene Diploma Graduates of Year 2002 and forward.

Graduates of the University of Alberta Dental Hygiene Program of 2002 and forward will be required to complete the following courses:

| Program C | ANTHR 393 or SOC 382 | 3 | 39-0-0 |
| Program C | D HYG 417 | 3 | 39-0-0 |
| Program C | D HYG 440 | 3 | 39-0-0 |
| Program C | HE ED 320 (or equivalent health promotion course) | 3 | 39-0-0 |
| Program C | REHAB 462 (or equivalent health-related research course) | 3 | 39-0-0 |
| Program C | SOC 210 (or equivalent statistics course) | 3 | 39-0-0 |
| Program C | Three options (two courses at the 300- or 400-level) | 3 | 39-0-0 |

| Program C | | 117-0-0 |
94.5 MD Degree

General Information

Important note: The MD program was revised effective September 1998. The following program listed in this edition of the University Calendar applies only to those students admitted from September 1998 on. Continuing students in this program, who registered previous to 1988, are directed by the Calendar in place in the year in which they were admitted, or they should consult the Faculty of Medicine and Dentistry for further information.

The program leading to the MD degree is conducted over four years, Years 1 and 2 are under the direction of an interdepartmental coordinating committee and Years 3 and 4 are under the direction of a second interdepartmental coordinating committee.

Years 1 and 2 are the pre-clinical years in which the material is presented in a series of course blocks. Each block presents the material in a reasoned progression from basic information to clinical application. There are two separate, but coordinated courses, dealing with the social/sociological/public health and clinical skills aspects of medicine, which are scheduled throughout this period.

Years 3 and 4 are the clinical years. Year 3 includes a Link course of 3 weeks, followed by a student internship of approximately 49 weeks. During this latter period there is also some opportunities for elective courses and a holiday period. Year 4 is a senior clinical year of approximately 34 weeks, which includes some courses, student rotations, electives and a holiday period. Each student in consultation with the Undergraduate Medical Education Office, develops their own electives program. A wide range of approved elective programs in all aspects of medical science, medical practice and related areas is available.

Orientation

It is mandatory that each student, after acceptance into the program, attend Orientation. This is scheduled immediately before the beginning of the first term.

Course Requirements

<table>
<thead>
<tr>
<th>Year 1</th>
<th></th>
<th>Year 2</th>
<th></th>
<th>Year 3</th>
<th></th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. DMED 511 (5 weeks)</td>
<td>4. DMED 514 (14 weeks)</td>
<td>1. DMED 521 (6 weeks)</td>
<td>5. DMED 523 (7 weeks)</td>
<td>1. MED 532 (3 weeks)</td>
<td>7. OB GY 546 (6 weeks)</td>
<td>1. MED 556 (6 weeks)</td>
</tr>
<tr>
<td>2. DMED 512 (7 weeks)</td>
<td>5. MED 516 (8 hours/week)</td>
<td>2. DMED 522 (11 weeks)</td>
<td>6. MED 526 (8 hours/week)</td>
<td>2. ANAES 546 (1 week)</td>
<td>8. PAED 546 (6 hours)</td>
<td>2. MED 555 (5 weeks)</td>
</tr>
<tr>
<td>3. DMED 513 (6 weeks)</td>
<td>6. MED 517 (12 hours)</td>
<td>3. DMED 523 (4 weeks)</td>
<td>7. MED 527 (12 hours)</td>
<td>3. F MED 546 (4 weeks)</td>
<td>9. PSYCI 546 (6 hours)</td>
<td>3. MED 558 (4 weeks)</td>
</tr>
<tr>
<td>4. MED 522 (7 weeks)</td>
<td>8. MED 520 (9 hours)</td>
<td>4. MED 522 (7 weeks)</td>
<td>2. SURG 546 (6 weeks)</td>
<td>4. MLSCI 546 (6 weeks)</td>
<td>10. SURG 546 (6 weeks)</td>
<td>4. PAED 556 (3 weeks)</td>
</tr>
<tr>
<td>5. MED 523 (7 weeks)</td>
<td></td>
<td>5. MED 523 (7 weeks)</td>
<td></td>
<td>5. MED 526 (6 hours)</td>
<td></td>
<td>5. MED 558 (4 weeks)</td>
</tr>
<tr>
<td>6. MED 517 (12 hours)</td>
<td></td>
<td>6. MED 526 (8 hours/week)</td>
<td></td>
<td>6. MED 526 (8 hours/week)</td>
<td></td>
<td>6. MED 550 (3 weeks)</td>
</tr>
<tr>
<td>7. MED 517 (12 hours)</td>
<td></td>
<td>7. MED 527 (12 hours)</td>
<td></td>
<td>7. MED 527 (12 hours)</td>
<td></td>
<td>7. SURG 546 (6 weeks)</td>
</tr>
<tr>
<td>8. MED 520 (9 hours)</td>
<td></td>
<td>8. MED 520 (9 hours)</td>
<td></td>
<td>8. MED 520 (9 hours)</td>
<td></td>
<td>8. SURG 546 (6 weeks)</td>
</tr>
</tbody>
</table>

94.6 MD with Special Training in Research

This program is for students looking for in-depth exposure to research during medical school. (Each candidate must spend a minimum of 24 weeks (approximately two summers) of active involvement in scientific research and present oral and written reports to fulfill the requirements for the MD with Special Training in Research.) The program is monitored by the MD Research Committees and each student is supervised by a staff member. Successful students are recognized on their transcripts and medical diplomas. For information, contact the Office of Research, Faculty of Medicine and Dentistry, 2J2.11 Walter C Mackenzie Health Sciences Centre.

94.7 Degree of BSc in Medical Laboratory Science

General Information

The Faculty of Medicine and Dentistry offers an undergraduate degree program in Medical Laboratory Science to meet the demand for more highly qualified research laboratory personnel; for senior and supervisory technologists in large hospitals, government, and private laboratories; and for teaching positions in various schools of medical laboratory technology. The BSc in Medical Laboratory Science is a versatile degree that allows access to a multitude of advanced degrees and programs.

The preprofessional year and Phases I and III of the program are normal university years. Phase II, beginning approximately July 1, consists of clinical hospital laboratory training under the direct supervision of the Faculty of Medicine and Dentistry. If successful in their clinical phase, students may write certification examinations with the Canadian Society for Medical Laboratory Science.

Note: Because individuals working in hospital laboratories run some risk of infection from materials they handle, all students in the Medical Laboratory Science program must take a series of immunizations approved by the Office of the Dean of Medicine and Dentistry before beginning Phase I.

Program of Courses

<table>
<thead>
<tr>
<th>Phase I</th>
<th>Phase II – Clinical Rotation</th>
<th>Phase III (See Note 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. MMI 240 (Œ6)</td>
<td>1. BIOD 203 (Œ3)</td>
<td>1. Œ12 chosen from LMSCI 430, 440, 446, 475, 481, MIRI 440, 426 or 427 or 405 or 415</td>
</tr>
<tr>
<td>2. MLSCI 235 (Œ1)</td>
<td>2. BIOD 205 (Œ2)</td>
<td>MIRI 480 (Œ3)</td>
</tr>
<tr>
<td>3. MLSCI 235 (Œ1)</td>
<td>3. MLSCI 320 (Œ3)</td>
<td>MIRI 410 (Œ1)</td>
</tr>
<tr>
<td>4. MLSCI 250 (Œ3)</td>
<td>4. MIRI 330 (Œ5)</td>
<td>4. Project course: INT D 491 (Œ6) or 409 (Œ3) and Science option (Œ3) (see Note)</td>
</tr>
<tr>
<td>5. MLSCI 263 (Œ3)</td>
<td>5. MLSCI 330 (Œ5)</td>
<td>INT D 410 (Œ3)</td>
</tr>
<tr>
<td>6. MLSCI 263 (Œ3)</td>
<td>6. MLSCI 330 (Œ5)</td>
<td>Arts option (Œ3)</td>
</tr>
<tr>
<td>7. MLSCI 263 (Œ3)</td>
<td>7. MLSCI 350 (Œ5)</td>
<td>7. Approved option (Œ3)</td>
</tr>
</tbody>
</table>

Notes:
(1) During the Phase II clinical rotation, students are assigned to hospital laboratories approved for this purpose by the Council of the Faculty of Medicine.
(2) *3 in a Science option are required if a *3 project is attempted. *0 in a Science option are required if a *6 project is attempted.

94.8 Honors in Research Program in Medical Laboratory Science

This program is for students looking for in-depth exposure to research during Medical Laboratory Science education. Students wanting to pursue this program will have a GPA of at least 7.5 in courses taken in the first and second phases of the program and will have completed STAT 141, 151, 337, or equivalent. Students must spend one summer (16 weeks) and complete a *6 research course offered by the Division. All students are supervised by a staff member who has shown commitment to the project and to the financial support of the student for the summer months. The program is monitored by the PhD in Medical Sciences Committee. Successful students receive recognition on their transcripts and degrees through the notation “With Honors in Research.” For information, contact the Director, Division of Medical Laboratory Science, B-117 Clinical Sciences Building.

94.9 Degree of Bachelor of Medical Science

The degree of Bachelor of Medical Science may be awarded to students in the MD program at the end of the second year of that program who have fulfilled the following requirements at this or another university:

First Year
Two Science Courses
Three Arts or Science Courses
Second Year
Two Science Courses
Three Arts or Science Courses

Third Year
First-year of the MD Program

Fourth Year
Second-year of the MD Program

Provisions
(1) None of the courses in the first and second year has been used for credit toward another degree.
(2) The program does not include more than seven junior arts or science courses.
(3) The science courses include
   a. *6 or equivalent in Inorganic Chemistry,
   b. *6 or equivalent in Organic Chemistry,
   c. *6 or equivalent in Biology (may include Microbiology, Zoology, Genetics, Botany, Entomology, Bacteriology, Immunology),
   d. *6 or equivalent in Physics.
(4) The Science options do not include first-year courses in physiology.
(5) At least the final two years have been taken at the University of Alberta.
(6) A grade point of 4.0 or higher in all courses and a GPA in each year of at least 5.0 or equivalent is presented.
(7) Not more than two reexaminations have been written for the purpose of obtaining passing marks or raising the GPA to the required 5.0.

94.10 Graduate Studies

The Faculty of Medicine and Dentistry offers Master’s and PhD degrees, as well as a Postgraduate Diploma in Health Services Administration. The Department of Dentistry also offers an MSc Degree in Orthodontics. Details on these programs can be found in the Graduate Programs section of the Calendar, listed by department.

94.11 Continuing Medical Education and Multimedia Production Services

Continuing Medical Education and Multimedia Production Services provides practising physicians with the opportunity to remain up-to-date in knowledge, skills and attitudes. The Division organizes various postgraduate learning events for family practitioners and specialists. These include one-to-three day conferences in Edmonton or a resort area, regional conferences in outlying hospitals of central and northern Alberta, a telephone conference program to physicians in smaller communities, an evening course series, major university-based courses, clinical traineeships and distance learning programs, and a medical information service in the teaching hospitals of Edmonton. The Division cosponsors teaching events with various para-medical organizations if they appear to relate to improvement of health care. The Division enjoys the support of the College of Family Physicians of Alberta, Alberta Health, and the Alberta Medical Association.

Inquiries about these programs should be directed to the Associate Dean, Continuing Medical Education and Multimedia Production Services, 2J3 Walter C Mackenzie Health Sciences Centre, University of Alberta, Edmonton, AB T6G 2R7.

94.12 Continuing Dentistry Education

Courses are offered by the Department of Dentistry to provide a program of continuing education for the dental profession. A program outlining dates, course descriptions, participation, and length is prepared annually and distributed to the profession.

94.13 Postgraduate Medical Education

Postgraduate medical training is a component of eligibility for licensure in Canada. Programs are operated by the University of Alberta according to guidelines established by the College of Family Physicians of Canada and by the Royal College of Physicians and Surgeons of Canada.

Postgraduate training accredited by the College of Family Physicians of Canada is available under the auspices of the Department of Family Medicine. In addition to the standard two-year program required for certification in Family Medicine, a certificate program in Emergency Medicine and a diploma program in Care of the Elderly are also available with an additional year of training.

Specialty programs accredited by the Royal College of Physicians and Surgeons of Canada include the following:

94.13.1 Primary Certification Programs
Anaesthesia
Anatomical Pathology
Cardiac Surgery
Dermatology
Diagnostic Radiology
Emergency Medicine
General Pathology
General Surgery
Haematological Pathology
Internal Medicine
Medical Microbiology
Neurology
Neurosurgery
Nuclear Medicine
Obstetrics and Gynaecology
Occupational Medicine
Ophthalmology
Orthopaedic Surgery
Otolaryngology
Paediatrics
Physical Medicine and Rehabilitation
Plastic Surgery
Psychiatry
Radiation Oncology
Urology

94.13.2 Certificate of Special Competence Programs
Cardiology
Endocrinology
Gastroenterology
Geriatric Medicine
Haematology
Infectious Diseases
Medical Oncology
Nephrology
Paediatric Cardiology
Paediatric Endocrinology and Metabolism
Paediatric Infectious Diseases
Pulmonary Medicine
Rheumatology

94.13.3 Accreditation Without Certification Programs
Critical Care Medicine
Neonatology
Palliative Care Medicine

Inquiries regarding these programs should be directed to the Associate Dean, Postgraduate Medical Education, 2J2.06 Walter C Mackenzie Health Sciences Centre, University of Alberta, Edmonton, AB T6G 2R7.

All postgraduate medical trainees are registered as graduate students in the Division of Postgraduate Medical Education of the Faculty of Medicine and Dentistry and pay a program registration fee.

Application for entry-level postgraduate positions in all Primary Certification Programs is made through the Canadian Resident Matching Service (CaRMS) in the final year of medical school. Further information is available from the Canadian Resident Matching Service, #802, 151 Slater Street, Ottawa, ON K1P 5H3. Certificate of Special Competence and Accreditation Without Certification Programs require prior training in a Primary Certification Program. All international medical graduates must pass the Evaluating Examination and Part I of the Qualifying Examination of the Medical Council of Canada. Information is available from the Medical Council of Canada, Box 8234, Station T, Ottawa, ON K1G 3H7.

The requirements for a portable license valid in all Canadian provinces except Quebec are as follows:
(1) An MD degree.
(2) The Licentiate of the Medical Council of Canada (LMCC), obtained after successfully passing Parts I and II of the Medical Council of Canada Qualifying Examination (MCCQE). Part I is written in May of the final year of medical school. Part II is written after completing 12 months of postgraduate clinical training.

(3) Certification from either the College of Family Physicians of Canada or the Royal College of Physicians and Surgeons of Canada.

Further information regarding licensure is available from the College of Physicians and Surgeons of Alberta, #900, 10180-101 Street, Edmonton, AB T5J 4P8.

Note: For classification purposes, postgraduate medical students are considered graduate students. As such, they have the option of paying fees to the Graduate Students’ Association.

95 Courses

Faculty of Medicine and Dentistry courses are listed in §201, Course Listings, under the following subject headings:

- Anaesthesia (ANAES)
- Anatomy (ANAT)
- Biochemistry (BIOCH)
- Biomedical Engineering (BME)
- Cell Biology (CELL)
- Dentistry (DDS)
- Dentistry (DENT)
- Dentistry/Medicine (DMED)
- Dental Hygiene (D HYG)
- Family Medicine (F MED)
- Medical Genetics (MDGEN)
- Medical Laboratory Science (MLSCI)
- Medical Microbiology and Immunology (MMI)
- Medicine (MED)
- Medicine, Interdepartmental (INT D and MED)
- Neuroscience (NEURO)
- Obstetrics and Gynaecology (OB GY)
- Oncology (ONCOL)
- Ophthalmology (OPHTH)
- Oral Biology (OBIOL)
- Paediatrics (PAED)
- Pathology (PATH)
- Pharmacology (PMCOL)
- Physics/Biomedical Engineering (PH BE)
- Physiology (PHYSL)
- Postgraduate Medical Education (PGME)
- Psychiatry (PSYCI)
- Public Health Sciences (PHS)
- Radiology and Diagnostic Imaging (RADDI)
- Surgery (SURG)