





This PDF excerpt of *Programs, Courses and University Regulations* is an archived snapshot of the web content on the date that appears in the footer of the PDF.

Archival copies are available at [www.mcgill.ca/study](http://www.mcgill.ca/study).

This publication provides guidance to prospects, applicants, students, faculty and staff.

**1 .** McGill University reserves the right to mak

## *Publication Information*

Published by

### **Enrolment Services**

McGill University  
3415 McTavish Street  
Montreal, Quebec, H3A 0C8  
Canada

All contents copyright © 2020 by McGill University. All rights reserved, including the right to reproduce this publication, or portions thereof, in any form.

McGill University reserves the right to make changes to the information contained in this publication - including correcting errors, altering fees, schedules of admission and credit requirements, and revising or cancelling particular courses or programs - without prior notification.

Not all courses are offered every year and changes can be made after publication. Always check the Minerva Class Schedule link at [https://horizon.mcgill.ca/pban1/bwckschd.p\\_disp\\_dyn\\_sched](https://horizon.mcgill.ca/pban1/bwckschd.p_disp_dyn_sched) for the most up-to-date information on whether a course is offered.

- 1 Dean's Welcome, page 7
- 2 Graduate and Postdoctoral Studies, page 7
  - 2.1 Administrative Officers, page 7
  - 2.2 Location, page 7
  - 2.3 Graduate and Postdoctoral Studies' Mission, page 7
- 3 Important Dates, page 7
- 4 Graduate Studies at a Glance, page 8
- 5 Program Requirements, page 8
- 6 Graduate Admissions and Application Procedures, page 8
- 7 Fellowships, Awards, and Assistantships, page 8
- 8 Postdoctoral Research, page 8
  - 8.1 Postdocs, page 8
  - 8.2 Guidelines and Policy for Academic Units on Postdoctoral Education, page 9
  - 8.3 Vacation Policy for Graduate Students and Postdocs, page 10
  - 8.4 Leave of Absence for Health and Parental/Familial Reasons, page 10
  - 8.5 Postdoctoral Research Trainees, page 11
- 9 Graduate Studies Guidelines and Policies, page 11
- 10 Graduate Student Services and Information, page 12
- 11 Information on Research Policies and Guidelines, Patents, Postdocs, Associates, Trainees, page 12
- 12 Browse Academic Units & Programs, page 12
  - 12.1 Dentistry, page 12
    - 12.1.1 Location, page 12
    - 12.1.2 About Dentistry, page 13
    - 12.1.3 Dentistry Admission Requirements and Application Procedures, page 13
      - 12.1.3.1 Admission Requirements, page 13
      - 12.1.3.2 Application Procedures, page 13
      - 12.1.3.3 Application Dates and Deadlines, page 13
    - 12.1.4 Dentistry Faculty, page 14
    - 12.1.5 Master of Science (M.Sc.) Dental Sciences (Thesis) (45 credits) , page 16
    - 12.1.6 Master of Science (M.Sc.) Dental Sciences (Non-Thesis) (45 credits) , page 17



---

## 1 Dean's Welcome

To Graduate Students and Postdoctoral Fellows:

Welcome to Graduate and Postdoctoral Studies (GPS) at McGill. You are joining a community of world-class researchers and more than 10,000 graduate students in over 400 programs. [GPS](#) is here to support you from admissions through to graduation and beyond. We take a holistic approach to graduate student success; we support not only your academic development, but also your career-planning and professional development, and your well-being and student life. I invite you to consult the website [Resources for Your Success](#), which is a one-stop-shop for the many resources and support systems in place for you across the University.

I would like to wish you all the best in your studies at McGill. We are here to make sure that you have the best possible experience.

*Joseuah595 Tm(J)Tj1 0 0 1 85.087 580 1le e*

---

## 4 Graduate Studies at a Glance

Please refer to [University Regulations & Resources > Graduate > : Graduate Studies at a Glance](#) for a list of all graduate departments and degrees currently being offered.

---

## 5 Program Requirements

Refer to [University Regulations & Resources > Graduate > Regulations > : Program Requirements](#) for graduate program requirements for the following:

- Master's Degrees
- Doctoral Degrees
- Coursework for Graduate Programs, Diplomas, and Certificates

---

## 6 Graduate Admissions and Application Procedures

Please refer to [University Regulations & Resources > Graduate > : Graduate Admissions and Application Procedures](#) for information on:

- Application for Admission
- Admission Requirements
- Application Procedures
- Competency in English

and other important information regarding admissions and application procedures for Graduate and Postdoctoral Studies.

---

## 7 Fellowships, Awards, and Assistantships

Please refer to [University Regulations & Resources > Graduate > : Fellowships, Awards, and Assistantships](#) for information and contact information regarding fellowships, awards, and assistantships in Graduate and Postdoctoral Studies.

---

## 8 Postdoctoral Research

Students must inform themselves of University rules and regulations and keep abreast of any changes that may occur. The *Postdoctoral Research* section of this publication contains important details postdoctoral scholars will require during their studies at McGill and should be periodically consulted, along with other sections and related publications.

---

### 8.1 Postdocs

Postdocs are recent graduates with a Ph.D. or equivalent (i.e., Medical Specialist Diploma) engaged by a member of the University's academic staff, including Adjunct Professors, to assist him/her in research.

Postdocs must be appointed by their department and registered with Enrolment Services in order to have access to University facilities (library, computer, etc.).



---

## 8.2 Guidelines and Policy for Academic Units on Postdoctoral Education

Every unit hosting postdocs should apply institutional policies and procedures for the provision of postdoctoral education and have established means for informing postdocs of policies, procedures, and privileges (available at [mcgill.ca/gps/postdocs](http://mcgill.ca/gps/postdocs)), as well as mechanisms for addressing complaints. For their part, postdocs are responsible for informing themselves of such policies, procedures, and privileges.

### 1. Definition and Status

- i. Postdoctoral status will be recognized by the University in accordance with Quebec provincial regulations as may be modified from time to time. The eligibility period for postdoctoral status is up to five years from the date when the Ph.D. or equivalent degree was awarded. A : *leave of absence* for parental or health reasons may extend the eligibility period. Leaves for other reasons, including vacation, do not impact the eligibility period.
- ii. Some McGill postdocs have dual status as both students and employees (unionized or non-unionized). Consult the [Graduate and Postdoctoral Studies website](#) for definitions of Postdoctoral Fellows, Postdoctoral Scholars and Postdoctoral Researchers.
- iii. Postdocs must conduct research under the supervision of a McGill professor (including Adjunct Professors), qualified in the discipline in which training is being provided and with the ability to fulfil supervisory responsibilities and act as a mentor for career development. Postdocs are expected to engage primarily in research with minimal teaching or other responsibilities.

### 2. Registration

- i. Postdocs must *register* annually with the University through Enrolment Services. Registration will be limited to postdocs who fulfil the definition above, and who meet the eligibility criteria as stipulated on the [Graduate and Postdoctoral Studies website](#).
- ii. Upon registration, postdocs will be eligible for a University identity card issued by Enrolment Services.
- iii. Leaves of absence must comply with the Graduate and Postdoctoral Studies Policies for Vacation, Parental/Familial, and Health Leave (see [section 8.3: Vacation Policy for Graduate Students and Postdocs](#) and [University Regulations & Resources](#) > Graduate > Regulations > Categories of Students > : *Leave of Absence Status*).

### 3. Appointment, Funding, Letter of Agreement

- i. Postdoctoral appointments may not exceed the registration eligibility period as defined above.
- ii. In order to be registered, the postdoc must be assured of financial support other than from personal means during their stay at McGill University. This amount must be equivalent to the minimal stipend requirement set by the University in accordance with guidelines issued by federal and provincial research granting agencies or the collective agreement, as applicable. Funding during parental leave is subject to the conditions of the funding agency or the collective agreement, as applicable.
- iii. Postdocs require a [Letter of Agreement for Postdoctoral Education](#) signed by the postdoc, the supervisor, and the department/unit head or delegate.
- iv. Postdocs with full responsibility for teaching a course should be compensated over and above

- i. Postdocs are subject to the responsibilities outlined at [www.mcgill.ca/students/srr](http://www.mcgill.ca/students/srr) and must abide by the policies listed at [www.mcgill.ca/secretariat/policies-and-regulations](http://www.mcgill.ca/secretariat/policies-and-regulations).
- ii. Each academic unit hosting postdocs should clearly identify postdocs' needs and the means by which they will be met by the unit.
- iii. Each academic unit should assess the availability of research supervision facilities, office space, and research funding before recruiting postdocs.
- iv. Some examples of the responsibilities of the academic unit are:
- to verify the postdoc's eligibility period for registration;
  - to provide postdocs with departmental policy and procedures that pertain to them;
  - to facilitate the registration and appointment of postdocs;
  - to assign departmental personnel the responsibility for postdoctoral affairs in the unit;
  - to oversee and sign off on the Letter of Agreement for Postdoctoral Education;
  - to ensure that each postdoc has a supervisor, lab and/or office space, access to research operating costs and necessary equipment;
  - to include postdocs in departmental career and placement opportunities;
  - to refer postdocs to the appropriate University policies and personnel for the resolution of conflict that may arise between a postdoc and a supervisor.
- v. Some examples of the responsibilities of the supervisor are:
- to uphold and transmit to their postdocs the highest professional standards of research and/or scholarship;
  - to provide research guidance;
  - to meet regularly with their postdocs;
  - to provide feedback on research submitted by the postdocs;
  - to clarify expectations regarding intellectual property rights in accordance with the University's policy;
  - to provide mentorship for career development;
  - to prepare, sign, and adhere to a Letter of Agreement for Postdoctoral Education.
- vi. Some examples of the responsibilities of postdocs are:
- development;

Students who have been granted such a leave will have to register for the term(s) in question and their registration will show as “leave of absence” on their record. No tuition fees will be charged for the duration of the authorized leave

---

## 10 Graduate Student Services and Information

Graduate students are encouraged to refer to : [Student Services and Information](#) for information on the following topics:

- Service Point
- Student Rights & Responsibilities
- Student Services – Downtown & Macdonald Campuses
- Residential Facilities
- Athletics and Recreation
- Ombudsperson for Students
- Extra-Curricular and Co-Curricular Activities
- Bookstore
- Computer Store
- Day Care



M.Sc. in Dental Sciences (Thesis)				
	Application Opening Dates		Application Deadlines	

<b>Summer Term:</b>	May 15	Jan. 15	Apr. 1	Apr. 1
---------------------	--------	---------	--------	--------

M.Sc. in Dental Sciences (Non-Thesis)				
	Application Opening Dates		Application Deadlines	
	All Applicants	Non-Canadian citizens (incl. Special, Visiting & Exchange)	Canadian citizens/Perm. residents of Canada (incl. Special, Visiting & Exchange)	Current McGill Students (any citizenship)

<b>Fall Term:</b>	Sept. 15	March 1	March 1	March 1
<b>Winter Term:</b>	N/A	N/A	N/A	N/A
<b>Summer Term:</b>	N/A	N/A	N/A	N/A

Admission to graduate studies is competitive; accordingly, late and/or incomplete applications are considered only as time and space permit.

**12.1.4 Dentistry Faculty**

<b>Dean, F</b>
----------------

## Professors

L. Diatchenko

J.S. Feine

M.D. McKee

D. Reinhardt

M. Tabrizian

S. Tran

## Associate Professors

S. Abi-Nader

C. Bedos

V. Benhamou Cohen

P.J. Chauvin

A. Chehade

E. Emami

R. Freitas de Souza

I.M. Fried

G.J. Harasymowycz

R. Hovey

A. Ianella

M.T. Kaartinen

S. Komarova

M.E. MacDonald

N. Makhoul

S.I. Miller

F.I. Muroff

M. Murshed

J.M. Myers

B. Nicolau

J.R. Pompura

E. Raviv

M. Schwartz

## Faculty Lecturers

Flanagan, S.M. Fletcher, J. Forsprecher, L. Franco, M. Freijé, C.A. Fung, R. Garofalo, H. Ghaderi-Moghadam, S. Goupil-Lévesque, J. Greenspoon, S.G. Greenwald, J.S. Grewal, T. Hamalian, P. Harrosch, I.D. Hoffman, N. Hojjati, G.J. Hwang, M. Kabawat, D. Kaloyannis, A. Karamitsos, R.J. Karanofsky, N. Karra, I. Katz, D.A. Kennedy, M.B. Kerner, S. Kholmogorova, L. Kichian, T. Konanec, C. Koran, S. Krychman, S. Lacombe, J. Lee, G. Lemieux, A. Levine, O. Levy, H.S. Libenson, P. Lieberman, P. Limniatis, T.C. Luu, V. Malakhov



DENT 683	(3)	Readings in Dentistry and Health Research 3
DENT 685	(3)	Theory of Dental Public Health
EPIB 621	(4)	Data Analysis in Health Sciences
EPIB 635	(3)	Clinical Trials
EXMD 610	(3)	Molecular Methods in Medical Research

Other complementary 500- or 600-level courses may be taken with the approval of the supervisor or the research director and GPS.

### 12.1.6 Master of Science (M.Sc.) Dental Sciences (Non-Thesis) (45 credits)

The M.Sc. degree should normally be completed within two years of full-time study.

#### Required Courses (18 credits)

DENT 505	(3)	Epidemiology and Data Analysis in Primary Care 1
DENT 655	(3)	Health Technology Assessment
DENT 663	(1)	Introduction to Research
DENT 670	(6)	Dentistry Stage
DENT 671D1	(1)	Advanced Research Seminar
DENT 671D2	(1)	Advanced Research Seminar
EPIB 600*	(3)	Clinical Epidemiology

\* or equivalent

#### Complementary Courses (27 credits)

27 credits from Stream 1 OR Stream 2:

##### Stream 1: Basic Science

24 credits from:

ANAT 663D1	(3)	Histology
ANAT 663D2	(3)	Histology
ANAT 690D1	(3)	Cell and Developmental Biology
ANAT 690D2	(3)	Cell and Developmental Biology
BMDE 505	(3)	Cell and Tissue Engineering
DENT 504	(3)	Biomaterials and Bioperformance
DENT 509	(3)	Epidemiology and Data Analysis in Primary Care 2
DENT 654	(3)	Mechanisms and Management of Pain
DENT 664	(1)	Introduction to Research Communication
DENT 665	(1)	Leadership and Management Skills in Research
DENT 669	(3)	Extracellular Matrix Biology
DENT 673	(3)	Biotechnology and Entrepreneurship
DENT 681	(1)	Readings in Dentistry and Health Research 1
DENT 682	(2)	Readings in Dentistry and Health Research 2
DENT 683	(3)	Readings in Dentistry and Health Research 3
PHGY 517	(3)	Artificial Internal Organs
PHGY 518	(3)	Artificial Cells

3 credits from:

EXMD 609	(3)	Cellular Methods in Medical Research
EXMD 610	(3)	Molecular Methods in Medical Research

**Stream 2: Clinical and Populational Health**

24 credits from:

DENT 509	(3)	Epidemiology and Data Analysis in Primary Care 2
DENT 664	(1)	Introduction to Research Communication
DENT 665	(1)	Leadership and Management Skills in Research
DENT 672	(3)	Applied Mixed Methods in Health Research
DENT 681	(1)	Readings in Dentistry and Health Research 1
DENT 682	(2)	Readings in Dentistry and Health Research 2
DENT 683	(3)	Readings in Dentistry and Health Research 3
EDEM 692	(3)	Qualitative Research Methods
EPIB 635	(3)	Clinical Trials
EPIB 641	(1)	Substantive Epidemiology 1
EPIB 660	(3)	Practical Aspects: Protocol Development
EPIB 669	(2)	Special Topics 2
EPIB 671	(3)	Cancer Epidemiology and Prevention
EPIB 677	(3)	Special Topics 8
EPIB 679	(3)	Special Topics 10

3 credits from:

DENT 685	(3)	Theory of Dental Public Health
----------	-----	--------------------------------

Other complementary 500- or 600-level courses at the University may be taken with the approval of the director of the program and GPS.