





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 © 2021 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



---

## 1 Dean's Welcome

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. McGill's approach to graduate education emphasises skills development; we cultivate your academic and professional growth through a variety of workshops, events and experiential learning opportunities. I invite you to consult the [GPS website](#) for information on the range of resources available to graduate students at McGill.

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.

*Josephine Nalbantoglu, Ph.D.*

*Associate Provost (Graduate Education) and Dean, Graduate and Postdoctoral Studies*

---

## 2 Graduate and Postdoctoral Studies

---

### 2.1 Administrative Officers

#### Administrative Officers

Josephine Nalbantoglu; B.Sc., Ph.D.(McG.)

**Associate Provost (Graduate Education) and Dean (Graduate and Postdoctoral Studies)**

Lorraine Chalifour; B.Sc., Ph.D. (Manit.)

**Associate Dean (Graduate and Postdoctoral Studies)**

Nathan Hall; B.A., M.A., Ph.D. (Manit.)

**Associate Dean (Graduate and Postdoctoral Studies)**

Russell Steele; B.S., M.S. (Carn. Mell), Ph.D. (Wash.)

**Associate Dean (Graduate and Postdoctoral Studies)**

---

### 2.2 Location

James Administration Building, Room 400

845 Sherbrooke Street West

Montreal QC H3A 0G4

Website: [mcgill.ca/gps](http://mcgill.ca/gps)



**Note:** For inquiries regarding specific graduate programs, please contact the appropriate department.

---

### 2.3 Graduate and Postdoctoral Studies' Mission

The mission of Graduate and Postdoctoral Studies (GPS) is to promote university-wide academic excellence for graduate and postdoctoral education at McGill. GPS provides leadership and strategic direction across the university in close collaboration with the academic and administrative units, and the graduate and postdoctoral community.

---

## 3 Important Dates

For all dates relating to the academic year, consult [mcgill.ca/importantdates](http://mcgill.ca/importantdates).

---

## 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 them 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 dev

i. Postdocs are subject to the responsibilities outlined at [mcgill.ca/students/srr](http://mcgill.ca/students/srr) and must abide by the policies listed at [mcgill.ca/secretariat/policies-and-regulations](http://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

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. Research supervisors are not obligated to remunerate students and Postdocs on leave. A summary table of various leave policies (paid or unpaid) for students and Postdocs paid from the Federal and Quebec Councils through fellowships or research grants is available at [mcgill.ca/gps/funding/getting-paid](http://mcgill.ca/gps/funding/getting-paid) under "Leave Policies and Form."

---

## 8.5 Postdoctoral Research Trainees

### Eligibility

If your situation does not conform to the Government of Quebec's definition of a Postdoctoral Fellow, you may be eligible to attend McGill as a Postdoctoral Research Trainee. While at McGill, you can perform research only (you may not register for courses or engage in clinical practice). Medical specialists who will have clinical ee ca1 0 0 1 67.785 9585542 7(e cj1 0 0 1 390783 6185542 7(e carded.j1 0 0 1 98.94335785542 7(e cAn cldi1 0 0 1 137.42 68185542 7(e evidu loiher

---

## 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

---

## 11 Information on Research Policies and Guidelines, Patents, Postdocs, Associates, Trainees

Refer to [University Regulations & Resources](#) > *Graduate* > : [Research Policy and Guidelines](#) for information on the following:

- Regulations on Research Policy
  - Regulations Concerning the Investigation of Research Misconduct
  - Requirements for Research Involving Human Participants
  - Policy on the Study and Care of Animals
  - Policy on Intellectual Property
  - Regulations Governing Conflicts of Interest
  - Safety in Field Work
  - Office of Sponsored Research
  - Postdocs
  - Research Associates
-

## 12.1.2 About Dentistry

### Master of Science (M.Sc) Dental Sciences (Thesis)

The goal of this program is to train students in research in the dental sciences, which comprise a number of disciplines relating to the functioning of the oro-facial complex.

For the Thesis Master's in Dental Sciences, we aim to train students to:

1. perform a literature review;
2. identify important issues in a specific field and understand the scientific approach to research questions;
3. carry out a scientific study and appropriately manage its data;
4. appreciate the ethics involved in animal and/or human research; and
5. express themselves clearly when speaking and writing about science.

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

The Non-Thesis M.Sc. program offers students the possibility to supplement their existing education by exploring a variety of research topics. The Non-Thesis program focuses on research and/or clinical expertise to improve populational health, including diagnosis, prevention, monitoring and control. The program includes a practicum in an organization or a clinic implicated in providing public health services. All non-thesis students are encouraged to seek volunteer and summer research opportunities with researchers in the Faculty to further their research experience.

This program offers students a great opportunity to clarify their interests, connect with faculty members, and engage with their cutting-edge research programs to seek additional career and training options (such as entering a Ph.D. program). This non-thesis option is not a residency program and does not provide clinical qualifications.

#### *section 12.1.5: Master of Science (M.Sc.) Dental Sciences (Thesis) (45 credits)*

For more information, see *section 12.1.5: Master of Science (M.Sc.) Dental Sciences (Thesis) (45 credits)*.

#### *section 12.1.7: Doctor of Philosophy (Ph.D.) Oral Health Sciences*

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

**Dentistry Admission Requirements and Application Procedure 370.52 437.721 TmPy and does not**

**M.Sc. in Dental Sciences (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	May 1	June 21	June 21	
<b>Winter Term:</b>	Feb. 15	Sept. 10	Nov. 10	Nov. 10	
<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	
				N/A	

### **Emeritus Professors**

M. Gornitsky

C. Smith

### **Professors**

P.J. Allison

J.E. Barralet

L. Diatchenko

J.S. Feine

S. Komarova

M.D. McKee

D. Reinhardt

M. Tabrizian

S. Tran

### **Associate Professors**

S. Abi-Nader

C. Bedos

V. Benhamou Cohen

P.J. Chauvin

A. Chehade

I.M. Fried

G.J. Harasymowycz

R. Hovey

A. Ianella

M.T. Kaartinen

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

L. Stone

F.A. Tamimi Marino

R.F. de Souza

F.

### Assistant Professors

S. Arekunnath Madathil, C. Beraldo Meloto, G. Chiasson, R. Clark, J. Cohen-Levy, D. Dagdeviren, Z. Der Khatchdourian, R.B.J. Dorion, J.G. Drummond, A. Dudkiewicz, M. El Hakim, B. Ferraz Dos Santos, J.R. Fong Chong, D. Iera, B. Kano, E.R. Karanofsky, A. Khoutorsky, G.M. Konanec, Y. Kwong Li, A.E. Lisbona, A. Marleau, M.O. Martel, R. Miller, N.M. Morin, F.A. Power, R. Raviv, B. Saleh, F. Samim, M.F. Seng, M. Shildkraut, M.D. Shizgal, H. Sirhan, M.A. Stein, E. Vachon-Pressseau, M.A. Wiseman

### Faculty Lecturers

M. Abadi, E.M. Abbey, J. Abikhzer, H. Abo Sharkh, F.E. Albert, J. Albilal, E. Alvaro, V. Amassian, S. Asif, M. Bakdach, D. Baker, M.J. Barmash, J.-P. Bedirian, J. Benjamin, A. Berardelli, T. Bergman, G.C. Bonin, M.-E. Boucher, Y. Bouhout, Y. Boulos, E. Briones, J.-F. Brochu, M.P. Canales, P. Canonne, J. Carpendale, G.C. Cernica, N. Chahine, C. Chahine, K. Chalaby, V. Chamlian, E. Chan, M.-C. Chouinard, M. Cielecki, S. Ciobanu, A. cristinziano, N. Criton-Muller, C.A. Czerednikow, M.J. D'Souza, B. Dabbagh, J.C. Desjardins, A. Diamandis, L.P. Dilullo, P. Drakoulakou, M.G. DuVal, G.H. El-Onsi, F. Elbaz, N. Elhadad, J.C. Erdan, S. Eskenazi, E.C. Espiritu, J.E. Ethier, R. Fagen, A.F. Farina, J.T. Flanagan, S.M. Fletcher, J. Forsprecher, L. Franco, M. Freijé, C.A. Fung, H. Gaied, H. Ghaderi-Moghadam, S.G. Greenwald, J.S. Grewal, R. Ha, L. Haikal, T. Hamalian, P. Harrosch, M. Helmy, I.D. Hoffman, N. Hojjati, G.J. Hwang, C. Iafrancesco, L.A. Iannella, 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, R.M. Lafleur, M.S. Lafontaine, C. Landry, J. Lee, G. Lemieux, O. Levy, H.S. Libenson, P. Lieberman, P. Limniatis, T.C. Luu, S.L. Malkinson, O.M. Maria, O. Mark, E. Marko, M. Masri, B. Mayantz, G. Melki, M. Menassa, S. Ment, M. Michelakis, J. Millette, M. Miller, P. Moraga, E. Mota, B. Mui, M. Naman, R. Nasser, P. Nguyen, T.B.M. Nguyen, J. Nudo, N. Ouatik, S. Papageorgakopoulos, M. Pasoff, J. Patel, O. Peloso, J.T.A.T. Pham, T. Phan, K. Rafta, L. Rainville, H. Rajchgot, C. Reis-Figueiredo, J.L. Retter, V. Reuveni, R. Rezaei, D.N. Richmond, S.A. Rico-Vargas, J. Rizkallah, C. Robin, C. Rode, J. Rouleau, S.M. Ruckenstein, A. Ruest, B. Salis, B. Schneider, E. Schneidman, J. Seguin, M. Senye, M. Sgro, N. Shahidi, A. Sherman, M.E. Silver, W.L. Steinman, P. Sweet, A. Taheri, N.R.G. Thorpe, S. Tikhonova, B. Toukmanian, C. Tra, C. Tse-Wallerstein, P. Van Wijlen, B. Wazirian, P.R. Weinstein, J. Werbit, J.A. Werbit, C. Yea, N.G. Yoffe, N.A.A. Zaki

### Adjunct Professors

H. Abd-UI-Salam, Z. Badran, T.V. Dao, K. El Kholy, Y. Kawai, N. Kishimoto, G. Lavigne, J.M. Retrouvey, L. Stone, J.N. Vergnes

### Associate Members

H.F. Al-Jallad, E.L. Franco, S.D. Wurzba

## 12.1.5 Master of Science (M.Sc.) Dental Sciences (Thesis) (45 credits)

### Thesis Courses (24-33 credits)

DENT 650	(3)	Thesis Research 1
DENT 651	(6)	Thesis Research 2
DENT 652	(9)	Thesis Research 3
DENT 653	(15)	Thesis Research 4

### Required Courses (6 credits)

DENT 505	(3)	Epidemiology and Data Analysis in Primary Care 1
DENT 663	(1)	Principles of Health Research
DENT 671D1	(1)	Advanced Research Seminar
DENT 671D2	(1)	Advanced Research Seminar

### Complementary Courses (6-15 credits)

6-15 credits chosen from the following courses:

ANAT 663D1	(3)	Histology
ANAT 663D2	(3)	Histology
DENT 504	(3)	Biomaterials and Bioperformance
DENT 509	(3)	Epidemiology and Data Analysis in Primary Care 2
DENT 610	(3)	Introduction to Craniofacial Research
DENT 654	(3)	Mechanisms and Management of Pain
DENT 664	(1)	Health Research Communications



DENT 665	(1)	Leadership and Management Skills in Research
DENT 672	(1)	Applied Mixed Methods in Health Research
DENT 679	(3)	Epidemiology and Data Analysis in Primary Care 3
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
DENT 685	(3)	Theory of Dental Public Health
DENT 686	(2)	Illness Experience and Social Determinants of 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)

**Revision, May 2021. Start of revision.**

The M.Sc. in Dental Sciences; Non-Thesis program focuses on research and/or clinical expertise to improve populational health, including diagnosis, prevention, monitoring and control. The program includes a practicum in an organization or a clinic implicated in providing public health services.

#### Required Courses (24 credits)

DENT 505	(3)	Epidemiology and Data Analysis in Primary Care 1
DENT 625	(3)	Applied Qualitative Health Research
DENT 663	(1)	Principles of Health Research
DENT 668	(3)	Practicum Readings in Dentistry and Health Research
DENT 670	(6)	Dentistry Community Health Practicum
DENT 671D1	(1)	Advanced Research Seminar
DENT 671D2	(1)	Advanced Research Seminar
DENT 685	(3)	Theory of Dental Public Health
		Literature Review

DENT 669	(3)	Extracellular Matrix Biology
DENT 672	(1)	Applied Mixed Methods in Health Research
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
DENT 686	(2)	Illness Experience and Social Determinants of Health
EDEM 692	(3)	Qualitative Research Methods
EPIB 635	(3)	Clinical Trials
EPIB 641	(1)	Substantive Epidemiology 1

**Complementary Courses (6-12 credits)**

\* 6-12 credits from the following:

DENT 504	(3)	Biomaterials and Bioperformance
DENT 610	(3)	Introduction to Craniofacial Research
DENT 654	(3)	Mechanisms and Management of Pain
DENT 669	(3)	Extracellular Matrix Biology
DENT 672	(1)	Applied Mixed Methods in Health Research
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
DENT 685	(3)	Theory of Dental Public Health
DENT 706	(3)	Advanced Seminar in Qualitative Health Research

\* The number of Complementary credits each student must take is determined with their supervisor, depending on the student's background.

Note: Courses at the 500 level or higher in other departments can be chosen in consultation with their supervisors and the program director.

**Revision, May 2021. End of revision.**

