

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.

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

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# **Publication Information**

Published by

# **Enrolment Services**

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# 1 Graduate and Postdoctoral Studies

### 1.1 Administrative Officers

#### **Administrative Officers**

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### 1.2 Location

James Administration Building, Room 400 845 Sherbrooke Street West Montreal QC H3A 0G4

Website: mcgill.ca/gps



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

### 1.3 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.

## 2 Important Dates

For all dates relating to the academic year, consult mcgill.ca/importantdates.

### 3 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.

# 4 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

# 5 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 information regarding admissions and application procedures for Graduate and Postdoctoral Studies.

# 6 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.

### 7 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.

### 7.1 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.).

# 7.2 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*), 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 Postdoctor* 

- 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 7.3: Vacation Policy for Graduate Students and Postdocs* and *University Regulations & Resources* > Graduate > Regulations > Cate

- to clarify expectations regarding intellectual property rights in accordance with the University's policy;
- to provide mentorship for career development; and
- to prepare, sign, and adhere to a Letter of Agreement for Postdoctoral Education.

vi. Some examples of the responsibilities of postdocs are:

• to inform themselves of and adhere to the University's policies and/or regulations for postdocs as outlined at mcgi7 2 0 0a/gpit

research stage. Individuals who are expecting to spend more than one year are encouraged to obtain formal training (Master's or Ph.D.) through application to a relevant graduate program.

Category 4: An individual with a regulated health professional degree (as defined under CIHR-eligible health profession), but not a Ph.D. or equivalent or medical specialty training, but who fulfils criteria for funding on a tri-council operating grant or by a CIHR fellowship (up to maximum of five years post-degree).



Note: Individuals who are not Canadian citizens or permanent residents must inquire about eligibility for a work permit.

#### **General Conditions**

- The maximum duration is three years.
- The individual must be engaged in full-time research.

The individual must provide copies of official transcripts/diplomas.

- be individual must have the approval of a McGill professor to supervise the research and of the Unit.
  - dividual must have adequate proficiency in English, but is not required to provide official proof of English competency to Enrolment Services.
    - idual must comply with regulations and procedures governing research ethics and safety and obtain the necessary training.
      - I will be provided access to McGill libraries, email, and required training in research ethics and safety. Any other University services must g., access to athletic facilities).
        - t arrange for basic health insurance coverage prior to arrival at McGill and may be required to provide proof of coverage.

# delines and Policies

> Graduate > : Guidelines and Policies for information on the following:

its on Graduate Student Advising and Supervision

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ation on the following topics:

# 10 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
- Polic

#### section 11.1.4: Master of Science (M.Sc.) Dental Sciences (Thesis) (45 credits)

#### 5. express themselves clearly when speaking and writing about science.

This program also includes the Clinician-Scientist Pathway (MSc-DMD). If admitted through this pathway, the candidate would start with their graduate studies and complete their two-year Master's of Dental Science (Thesis) degree before moving to the first year of the Doctor of Dental Medicine Program (DMD) and complete the four years of their professional dentistry training.

#### section 11.1.6: 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.

#### 11.1.3 Dental Admission Requirements and Application Procedures

#### 11.1.3.1 Admission Requirements

#### M.Sc. in Dental Sciences

Students who have completed a D.M.D./D.D.S. or a B.Sc. in one of the Health Science disciplines listed on our *website* with a CGPA of 3.2 on a 4.0 scale are eligible to apply for admission to a graduate program in the Faculty of Dental Medicine and Oral Health Sciences leading to the *M.Sc. degree in Dental Sciences*. Applicants with a CGPA of lower than 3.2 may still be considered for admission if their application is accompanied by a justification for the lower CGPA. *TOEFL* (or *IELTS*) test results are required for applicants to graduate studies whose mother tongue is not English, and who have not completed an undergraduate or graduate degree from a recognized Canadian institution (anglophone or francophone) or from a recognized foreign institution where English is the language of instruction.

The number of candidates accepted each year will depend on the elective courses and research facilities available that are applicable to the candidate's area of expertise.

#### 11.1.3.2 Application Procedures

McGill's online application form for graduate program candidates is available at mcgill.ca/gradapplicants/apply.

 $See \ \ \textit{University Regulations \& Resources} > \textit{Graduate} > \textit{Graduate Admissions and Application Procedures} > : \textit{Application Procedures} \text{ for detailed application procedures}.$ 

### 11.1.3.3 Application Dates and Deadlines

Application opening dates are set by Enrolment Services in consultation with Graduate and Postdoctoral Studies (GPS), while application deadlines are set by the Faculty of Dental Medicine and Oral Health Sciences and may be revised at any time. Applicants must verify all deadlines and documentation requirements well in advance on the appropriate McGill departmental website; please consult the list at mcgill.ca/gps/contact/graduate-program.

Information on application deadlines is available at mcgill.ca/gradapplicants/how-apply/application-steps/application-deadlines.

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

### 11.1.4 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:

DENT 504v	(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
DENT 688	(3)	Bone Mechanobiology
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.

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

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 practict8t3)

DENT 509 (3) Epidemiology and Data Analysis in Primary Care 2
Applied Qualitativ

DENT 786D1	(3)	Foundations in Oral Health Science
DENT 786D2	(3)	Foundations in Oral Health Science

## 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 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 688	(3)	Bone Mechanobiology
DENT 706	(3)	Advanced Seminar in Qualitative Health Research

<sup>\*</sup> 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.