



## **McGill School of Environment (Graduate)**



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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**

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

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## 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.

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## 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.

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## 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

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## 6 Graduate Admissions and Application Procedures

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

- Application for Admission
- Admission Requirements



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## 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 [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 polic

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

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## 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

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## 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

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## 12 Browse Academic Units & Programs

The programs and courses in the following sections have been approved for the 2020–2021 session as listed. The Faculty/School reserves the right to introduce changes as may be deemed necessary or desirable at any time throughout the year.

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### 12.1 Environment

#### 12.1.1 Location

##### **Downtown Campus**

McGill School of Environment  
3534 University Street  
Montreal QC H3A 2A7  
Canada  
Telephone: 514-398-2827

**Macdonald Campus**

McGill School of Environment  
Rowles House  
21,111 Lakeshore Road  
Sainte-Anne-de-Bellevue QC H9X 3V9  
Canada  
Telephone: 514-398-7559

*Coordinator* – C. Zhu

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Email: [grad.mse@mcgill.ca](mailto:grad.mse@mcgill.ca)

Website: [www.mcgill.ca/mse](http://www.mcgill.ca/mse)

Graduate Option website: [www.mcgill.ca/mse/envroption](http://www.mcgill.ca/mse/envroption)

**12.1.2 About Environment**

Resolving environmental issues requires a dialogue between pure and applied sciences, the social sciences, and the humanities. The degradation of the biological and biophysical environment has roots in the structure of human societies while solutions to environmental problems have an impact on human livelihoods.

A number of academic departments and institutes at McGill promote graduate-level research and training on environmental topics and have faculty members whose main research interest falls in this domain. As such, environmental research is widespread throughout the McGill community. The Environment option provides a vehicle whereby discipline-based graduate programs can easily and effectively incorporate collaborations from at least one other discipline into their research.

**Goals of the Option**

- To provide thesis or non-thesis students in existing graduate programs with an understanding of how knowledge is transferred into action with regard to the environment;
- To develop an appreciation of the role of scientific, political, socioeconomic, and ethical judgments in influencing that process;
- To provide a forum whereby graduate students in environment throughout the University bring their disciplinary perspectives together and enrich each other's learning through structured courses, formal seminars, and informal discussions and networking.

Students admitted into the Environment option will be supervised or co-supervised by either an MSE-appointed faculty member or an MSE associate member. Their advisory committee will include at least one individual from outside the home department. It is expected that the thesis, dissertation, or project, as well as the final seminar presentation, will contain an environmental component and will include a discussion of the applied implications of the research findings. Together with the courses common to the Environment option, specific course requirements for each program are given within the departmental listings cited below.**12.1.2**



### **12.1.3.2 Application Procedures**

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## **Associate Members**

*Anthropology:* John Galaty

*Architecture, School of:* Nik Luka

*Atmospheric and Oceanic Sciences:* Parisa Ariya

*Biology:* Lauren Chapman, Andrew Gonzalez, Irene Gregory-Eaves, Catherine Potvin

*Bioresource Engineering:* Jan Adamowski, Grant Clark, Mark Lefsrud, Chandra Madramootoo

*Chemical Engineering:* Nathalie Tufenkji, Viviane Yargeau

*Chemistry:* Christopher Barrett

*Civil Engineering and Applied Mechanics:* Susan Gaskin, V