



**McGill School of Environment (Graduate)  
Programs, Courses and University Regulations  
2011-2012**



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 make changes to the information contained in this online publication - including correcting errors, altering fees, schedules of admission, and credit requirements, and revising or cancelling particular courses or programs - without prior notice.
- 2 . In the interpretation of academic regulations, the Senate is the final authority.
- 3 . Students are responsible for informing themselves of the University's procedures, policies and regulations, and the specific requirements associated with the degree, diploma, or certificate sought.
- 4 . All students registered at McGill University are considered to have agreed to act in accordance with the University procedures, policies and regulations.
- 5 . Although advice is readily available on request, the responsibility of selecting the appropriate courses for graduation must ultimately rest with the student.
- 6 . Not all courses are offered every year and changes can be made after publication. Always check the Minerva Class Schedule link at [https://banweb.mcgill.ca/pban1/bwckschd.p\\_disp\\_dyn\\_sched](https://banweb.mcgill.ca/pban1/bwckschd.p_disp_dyn_sched) for the most up-to-date information on whether a course is offered.
- 7 . The academic publication year begins at the start of the Fall semester and extends through to the end of the Winter semester of any given year. Students who begin study at any point within this period are governed by the regulations in the publication which came into effect at the start of the Fall semester.
- 8 . Notwithstanding any other provision of the publication, it is expressly understood by all students that McGill University accepts no responsibility to provide any course of instruction, program or class, residential or other services including the normal range of academic, residential and/or other services in circumstances of utility interruptions, fire, flood, strikes, work stoppages, labour disputes, war, insurrection, the operation of law or acts of God or any other cause (whether similar or dissimilar to those enumerated) which reasonably prevent their provision.

**Note: Throughout this publication, "you" refers to students newly admitted, readmitted or returning to McGill.**

## ***Publication Information***

Published by

### **Enrolment Services**

McGill University  
3415 McTavish Street  
Montreal, Quebec, H3A 1Y1  
Canada

All contents copyright © 2011 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://banweb.mcgill.ca/pban1/bwckschd.p\\_disp\\_dyn\\_sched](https://banweb.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 General Statement Concerning Higher Degrees, page 8
  - 3 Important Dates 2011-2012, page 8
  - 4 Graduate Studies at a Glance, page 8
    - 4.1 Graduate Diplomas and Certificates, page 10
    - 4.2 Master's Degrees, page 11
    - 4.3 Doctoral Degrees, page 15
    - 4.4 Postdoctoral Research, page 17
  - 5 Program Requirements, page 17
    - 5.1 Master's Degrees, page 17
    - 5.2 Doctoral Degrees, page 18
    - 5.3 Ad Hoc Programs, page 19
    - 5.4 Ad Personam Programs (Thesis Option only), page 19
    - 5.5 Coursework for Graduate Programs, Diplomas, and Certificates, page 19
  - 6 General Admission for Graduate Studies, page 19
    - 6.1 Application for Admission, page 19
    - 6.2 Admission Requirements (minimum requirements to be considered for admission), page 20
    - 6.3 Admission Tests, page 20
    - 6.4 Competency in English, page 20
    - 6.5 Admission to a Qualifying Program, page 21
    - 6.6 Admission to a Second Degree Program, page 21
    - 6.7 Admission to Two Degree Programs, page 21
    - 6.8 Admission to an Ad Personam Joint Program, page 22
    - 6.9 Admission to an Ad Hoc Program (Thesis), page 22
    - 6.10 Reinstatement and Admission of Former Students, page 22
    - 6.11 Deferral of Admission, page 22
  - 7 Fellowships, Awards, and Assistantships, page 22
  - 8 Postdoctoral Research, page 23
    - 8.1 Postdocs, page 23
    - 8.2 Guidelines and Policy for Academic Units on Postdoctoral Education, page 23
    - 8.3 Vacation Policy for Graduate Students and Postdocs, page 25
    - 8.4 Leave of Absence for Health and Parental/Familial Reasons, page 25
    - 8.5 Postdoctoral Research Trainees, page 25
  - 9 Graduate Studies Guidelines and Policies, page 26
    - 9.1 Guidelines and Regulations for Academic Units on Graduate Student Advising and Supervision, page 26
    - 9.2 Policy on Graduate Student Research Progress Tracking, page 28
    - 9.3 Vacation Policy for Graduate Students and Postdocs, page 28

- 
- 9.4 Ph.D. Comprehensives Policy, page 28
  - 9.5 Graduate Studies Reread Policy, page 30
  - 9.6 Health and Parental/Familial Leave of Absence Policy, page 31
  - 9.7 Failure Policy, page 32
  - 9.8 Guideline on Hours of Work, page 32
  - 10 Research Policy and Guidelines, Patents, Postdocs, Associates, Trainees, page 32
    - 10.1 Policy on Research Ethics, page 32
    - 10.2 Regulations on Research Policy, page 32
    - 10.3 Policy on Research Integrity, page 32
    - 10.4 Guidelines for Research Involving Human Subjects, page 32
    - 10.5 Guidelines for Research with Animal Subjects, page 33
    - 10.6 Policy on Intellectual Property, page 33
    - 10.7 Regulations Governing Conflicts of Interest, page 33
    - 10.8 Safety in Field Work, page 33
    - 10.9 Office of Sponsored Research, page 33
    - 10.10 Postdocs, page 33
    - 10.11 Research Associates, page 33
  - 11 Academic Programs, page 33
    - 11.1 Environment, page 33
      - 11.1.1 Location, page 33
      - 11.1.2 About Environment, page 34
      - 11.1.3 Environment Admission Requirements and Application Procedures, page 36
        - 11.1.3.1 Admission Requirements, page 36
        - 11.1.3.2 Application Procedures, page 36
      - 11.1.4 Environment Faculty, page 36

## 1 Dean's Welcome

To Graduate Students and Postdoctoral Fellows:

I am extremely pleased to welcome you to McGill University. With over 250 doctoral and master's degree programs, McGill is committed to providing world-class graduate education and postdoctoral training in a full range of academic disciplines and professions. Graduate and Postdoctoral Studies (GPS) provides strategic leadership and works in collaboration with the Faculties and other administrative and academic units to deliver the very highest level of teaching and research across the University. GPS is responsible for the admission and registration of graduate students, disbursing graduate fellowships, supporting postdoctoral fellows, and facilitating the graduation process, including the examination of theses.

As a student-centred research institution, McGill places singular importance upon the quality of graduate education and postdoctoral training. As Associate Provost (Graduate Education), as well as Dean of Graduate and Postdoctoral Studies, I work closely with the central administration, Faculties, graduate students, professors, researchers, postdoctoral fellows, and staff to enhance the graduate and postdoctoral experience and provide a supportive, stimulating, and enriching academic environment.

McGill is ranked as one of Canada's most intensive research universities and among the world's top 25. We recognize that these successes come not only from our outstanding faculty members, but also from the quality of our graduate students and postdoctoral fellows - a community into which we are very happy to welcome you.

I invite you to join us in advancing this heritage of excellence at McGill.

*Martin Kreiswirth, Ph.D.*

*Associate Provost (Graduate Education)*

*Dean, Graduate and Postdoctoral Studies*

## 2 Graduate and Postdoctoral Studies

### 2.1 Administrative Officers

Martin Kreiswirth; B.A.(Hamilton), M.A.(Chic.), Ph.D.(Tor.)	<b>Associate Provost (Graduate Education) and Dean (Graduate and Postdoctoral Studies)</b>
Heather Durham; M.Sc.(W. Ont.), Ph.D.(Alta.)	<b>Associate Dean (Graduate and Postdoctoral Studies) (until Sept. 2011)</b>
Meyer Nahon; B.Sc.(Qu.), M.Sc.(Tor.), Ph.D.(McG.), Eng.	<b>Associate Dean (Graduate and Postdoctoral Studies)</b>
Lisa deMena Travis; B.A.(Yale), Ph.D.(MIT)	<b>Associate Dean (Graduate and Postdoctoral Studies) (as of Sept. 2011)</b>
Shari Baum; B.A.(C'neil), M.Sc.(Vermont), Ph.D.(Brown)	<b>Associate Dean (Graduate and Postdoctoral Studies)</b>
Charlotte E. Légaré; B.Sc.(Montr.), M.Sc.(Sher.), M.B.A.(McG.)	<b>Director (Graduate and Postdoctoral Affairs)</b>
Lissa B. Matyas; B.F.A., M.Sc.(C'odia)	<b>Director (Recruitment and Retention)</b>

### 2.2 Location

James Administration Building, Room 400  
845 Sherbrooke Street West  
Montreal, QC H3A 2T5

Telephone: 514-398-3990

Fax: 514-398-1626

Email: [servicepoint@mcgill.ca](mailto:servicepoint@mcgill.ca)

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



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

### 2.3 General Statement Concerning Higher Degrees

Graduate and Postdoctoral Studies (GPS) administers all programs leading to graduate diplomas, certificates and higher degrees. It is responsible for the admission of candidates, the supervision of their work and for recommending to Senate those who may receive the degrees, diplomas and certificates.

---

### 3 Important Dates 2011-2012

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

---

### 4 Graduate Studies at a Glance

McGill University offers graduate and postdoctoral programs in the following units (organized by their administering home faculty):

#### Agricultural and Environmental Sciences

- : *Agricultural Economics*
- : *Animal Science*
- : *Bioresource Engineering*
- : *Dietetics and Human Nutrition*
- : *Food Science and Agricultural Chemistry*
- : *Natural Resource Sciences*
- : *Parasitology*
- : *Plant Science*

#### Arts

- : *Anthropology*
- : *Art History*
- Classics, see : *History and Classical Studies*
- : *Communication Studies*
- : *East Asian Studies*
- : *Economics*
- : *English*
- : *French Language and Literature*
- : *Geography*
- : *German Studies*
- : *Hispanic Studies*
- : *History and Classical Studies*
- : *Institute for the Study of International Development*
- : *Islamic Studies*
- : *Italian Studies*
- : *Jewish Studies*
- : *Linguistics*
- : *Mathematics and Statistics*
- : *Philosophy*



**Arts**

- : *Political Science*
- : *Psychology*
- : *Russian and Slavic Studies*
- : *Social Studies of Medicine*
- : *Social Work*
- : *Sociology*

**Dentistry**

- : *Dentistry*

**Desautels Faculty of Management**

- : *Desautels Faculty of Management*

**Education**

- : *Educational and Counselling Psychology*
- : *Information Studies*
- : *Integrated Studies in Education*
- : *Kinesiology and Physical Education*

**Engineering**

- : *Architecture*
- : *Chemical Engineering*
- : *Civil Engineering and Applied Mechanics*
- : *Electrical and Computer Engineering*
- : *Mechanical Engineering*
- : *Mining and Materials Engineering*
- : *Urban Planning*

**Law**

- : *Law*

**McGill School of Environment**

- section 11.1: Environment*

**Medicine**

- : *Anatomy and Cell Biology*
- : *Biochemistry*
- : *Bioethics*
- : *Biomedical Engineering*
- : *Communication Sciences and Disorders*
- : *Epidemiology and Biostatistics*
- Experimental Medicine, see : *Medicine, Experimental*
- : *Human Genetics*
- : *Medical Physics*

**Medicine**

- : Microbiology and Immunology*
- : Neuroscience (Integrated Program in)*
- : Nursing*
- : Occupational Health*
- : Otolaryngology – Head and Neck Surgery*
- : Pathology*
- : Pharmacology and Therapeutics*
- : Physical and Occupational Therapy*
- : Physiology*
- : Psychiatry*
- : Surgical Research*

**Religious Studies**

- : Religious Studies*

**Schulich School of Music**

- : Schulich School of Music*

**Science**

- : Atmospheric and Oceanic Sciences*
- : Biology*
- : Chemistry*
- : Computer Science*
- : Earth and Planetary Sciences*
- : Geography*
- : Mathematics and Statistics*
- : Physics*
- : Psychology*

---

**4.1 Graduate Diplomas and Certificates**

Graduate diplomas and graduate certificates are programs of study under the academic supervision of Graduate and Postdoctoral Studies. They have as a prerequisite an undergraduate degree in the same discipline.

McGill University offers other diploma and certificate programs under the supervision of the relevant faculties and their Calendars should be consulted for further details.

**Graduate Diplomas are offered in:**

Clinical Research (Experimental Medicine)	Primary Care Nurse Practitioner
Epidemiology and Biostatistics	Professional Performance
Islamic Studies	Public Accountancy (C.A.)
Library and Information Studies	Registered Dietician Credentialing (R.D.)
Mining Engineering	School and Applied Child Psychology (post-Ph.D.)
Nursing	Surgical Health Care Research

These diploma programs consist of at least two terms of full-time study or the equivalent.

**Graduate Certificates are offered in:**

Assessing Driving Capabilities	Educational Leadership 2
Air and Space Law	Library and Information Studies
Bioresource Engineering (IWRM)	Post-M.B.A.
Biotechnology	Teaching English as a Second Language
Comparative Law	Theory in Primary Care
Educational Leadership 1	Theory in Neonatology

All graduate regulations apply to graduate diploma and certificate candidates.

## 4.2 Master's Degrees

Two categories of programs lead to higher degrees at McGill University, master's programs, and doctoral programs.

**The following master's degrees are offered (see below for more information about sub-specializations):**
**Prerequisites:**

Master of Architecture (M.Arch)	M.Arch. (professional degree) – McGill B.Sc.(Arch.) degree, or equivalent; M.Arch. (post-professional degree) – an M.Arch. (professional degree) or equivalent professional degree.
Master of Arts (M.A.)	Bachelor of Arts in the subject selected for graduate work. See appropriate unit.
Master of Business Administration (M.B.A.)	An undergraduate degree from an approved university. See Management.
Joint program: Master of Business Administration (M.B.A.) with integrated Bachelor of Civil Law (B.C.L.) / Bachelor of Laws (LL.B.)	See Management.
Concurrent Master of Business Administration with Doctor of Medicine / Master of Surgery (M.B.A. with M.D.,C.M.)	See Management.
Master of Manufacturing Management (M.M.M.)	See Management.
Master of Education (M.Ed.)	A bachelor's degree with specialization related to the subject chosen for graduate work, plus a Permanent Quebec Teaching Diploma or its equivalent for some of the above degrees. See appropriate department.
Master of Engineering (M.Eng.)	Bachelor of Engineering or equivalent, with specialization appropriate for the subject selected for graduate study. See appropriate department.
Master of Laws (LL.M.)	An acceptable degree in Law or equivalent qualifications. See Law.
Master of Library and Information Studies (M.L.I.S.)	At least a bachelor's degree from a recognized university. See Library and Information Studies.
Master of Management (M.M.)	See Management.
Master of Music (M.Mus.)	Bachelor of Music or Bachelor of Arts with concentration in the area selected for graduate study. See Music.
Master of Sacred Theology (S.T.M.)	B.A. with specialization in religious studies or theology. See Religious Studies.
Master of Science (M.Sc.)	Bachelor of Science in the subject selected for graduate work. See appropriate unit.
Master of Science, Applied (M.Sc.A.)	A bachelor's degree in the subject selected for graduate work. See appropriate unit.
Master of Science, Applied (OT) (M.Sc.A. (OT))	A bachelor's degree in the subject selected for graduate work. See appropriate unit.
Master of Science, Applied (PT) (M.Sc.A. (PT))	A bachelor's degree in the subject selected for graduate work. See appropriate unit.
Master of Social Work (M.S.W.)	Bachelor's degree in Social Work including courses in statistics and social science research methods. See Social Work.
Joint program: Master of Social Work (M.S.W.) with integrated Bachelor of Civil Law (B.C.L.) / Bachelor of Laws (LL.B.)	See School of Social Work.
Master of Urban Planning (M.U.P.)	Bachelor's degree in any one of the following: Anthropology, Architecture, Economics, Civil Engineering, Geography, Law, Management, Political Science, Social Work, Sociology or Urban Planning, with adequate knowledge of quantitative techniques. See Urban Planning.

### **Master of Architecture Degrees**

M.Arch. programs offered:

M.Arch. (professional degree) (Non-Thesis) in Design Studio and Design Studio – Directed Research

M.Arch. (post-professional degree) (Non-Thesis); specializations in Architectural History and Theory, Cultural Mediations and Technology, Urban Design and Housing

### **Master of Arts Degrees**

Programs leading to the degree of Master of Arts are offered in the following areas:

Anthropology (Thesis and Non-Thesis); options in Development Studies, Environment, Gender and Women's Studies, Medical Anthropology

Art History (Non-Thesis); option in Gender and Women's Studies (Non-Thesis)

Classics (Thesis and Non-Thesis)

Communication Studies (Thesis and Non-Thesis); option in Gender and Women's Studies

Economics (Thesis and Non-Thesis); options in Development Studies (Non-Thesis) and Social Statistics (Non-Thesis)

Education (Thesis and Non-Thesis)

English (Thesis and Non-Thesis)

French (Thesis and Non-Thesis); option in Gender and Women's Studies

Geography; options in Development Studies, Environment, Gender and Women's Studies, Neotropical Environment, Social Statistics

German Studies (Thesis and Non-Thesis)

Hispanic Studies (Thesis and Non-Thesis)

History (Thesis and Non-Thesis); options in Development Studies (Thesis and Non-Thesis), European Studies (Thesis and Non-Thesis), Gender and Women's Studies (Thesis and Non-Thesis), History of Medicine (Non-Thesis)

Islamic Studies; option in Gender and Women's Studies

Italian Studies (Thesis and Non-Thesis)

Jewish Studies (Thesis and Non-Thesis)

Kinesiology and Physical Education (Thesis and Non-Thesis)

Linguistics (Non-Thesis)

Mathematics and Statistics (Thesis and Non-Thesis)

Music (Thesis and Non-Thesis)

Philosophy; option in Bioethics

Political Science (Thesis and Non-Thesis); options in Development Studies (Thesis and Non-Thesis), European Studies (Thesis and Non-Thesis), Gender and Women's Studies (Non-Thesis), Social Statistics (Non-Thesis)

Psychology

Religious Studies (Thesis and Non-Thesis); options in Bioethics and Gender and Women's Studies

Russian

Sociology (Thesis and Non-Thesis); options in Development Studies (Thesis and Non-Thesis), Environment, Gender and Women's Studies (Thesis and Non-Thesis), Medical Sociology (Thesis and Non-Thesis), Social Statistics (Non-Thesis), Neotropical Environment

### **Master of Business Administration Degrees**

A program leading to the degree of Master of Business Administration (M.B.A.) is offered in the following concentrations:

Finance

Global Strategy and Leadership

Marketing

Technology and Innovation Management

An E.M.B.A. is also offered (joint with HEC).

Special programs:

M.B.A. with M.D.,C.M.

M.B.A. with B.C.L. and LL.B.

Master of Manufacturing Management (see Management and Mechanical Engineering)

### **Master's Degrees in Education**

Three types of master's degrees are offered: M.A. (Thesis and Non-Thesis), M.Ed. (Non-Thesis) and M.Sc. (Thesis and Non-Thesis).

The M.A. may be taken in the following areas:

Counselling Psychology (Thesis and Non-Thesis): Counselling Psychology – Professional/Internship (Non-Thesis), Counselling Psychology – Project (Non-Thesis)

Education and Society (Thesis and Non-Thesis); options in Gender and Women's Studies (Thesis and Non-Thesis) and Jewish Studies (Thesis and Non-Thesis)

Educational Psychology (Thesis and Non-Thesis)  
 Educational Leadership (Thesis, Non-Thesis, and Non-Thesis Coursework); option in Gender and Women's Studies (Thesis and Non-Thesis)  
 Kinesiology and Physical Education (Thesis and Non-Thesis)  
 Second Language Education (Thesis and Non-Thesis); option in Gender and Women's Studies (Thesis and Non-Thesis)  
 Teaching and Learning (MATL) (Non-Thesis)

The M.Ed. may be taken in the following area:

Educational Psychology

The M.Sc. may be taken in the following area:

Kinesiology and Physical Education (Thesis and Non-Thesis)

### **Master's Degree in Engineering**

Programs leading to the degree of Master of Engineering are offered in the following areas:

Aerospace Engineering (Project)  
 Biomedical Engineering; option in Bioinformatics  
 Chemical Engineering (Thesis and Project); option in Environmental Engineering (Project)  
 Civil Engineering and Applied Mechanics (Thesis and Project); option in Environmental Engineering (Project)  
 Electrical Engineering (Thesis and Project); option in Computational Science and Engineering  
 Mechanical Engineering (Thesis and Project); option in Computational Science and Engineering  
 Mining and Materials Engineering (Thesis and Non-Thesis); options in Environmental Engineering (Non-Thesis), Mining (Non-Thesis), and Metals and Materials (Non-Thesis)

Other degrees:

Master of Management (M.M.) is offered in Manufacturing Management (see Department of Mechanical Engineering and Faculty of Management).  
 Master of Science (M.Sc.) is offered in Chemical Engineering, Civil Engineering, Mechanical Engineering, and Mining and Materials.

### **Master's Degrees in Law**

The degree of Master of Laws is offered in:

Law (Thesis and Non-Thesis); options in Bioethics, Comparative Law (Thesis and Non-Thesis), Environment (Thesis and Non-Thesis), and European Studies  
 Air and Space Law (Thesis and Non-Thesis)

### **Master of Library and Information Studies Degree**

The Graduate School of Library and Information Studies offers a postgraduate professional program in librarianship. Two years of full-time study or the equivalent are required.

### **Master's Degrees in Music**

Programs leading to the degrees of Master of Arts and Master of Music are offered in the Faculty of Music.

The M.A. may be taken in:

Music Technology  
 Musicology (Thesis and Non-Thesis); option in Gender and Women's Studies  
 Music Education (Thesis and Non-Thesis)  
 Theory (Thesis and Non-Thesis); option in Gender and Women's Studies

The M.Mus. may be taken in:

Composition  
 Performance (various options) (Non-Thesis)  
 Sound Recording (Non-Thesis)

Applicants to the Performance program are required to pass auditions in their speciality.

### **Master's Degrees in Nursing**

Two types of master's degrees are offered: Master of Science (Applied) and Master of Science (with thesis). These two-year programs are designed to prepare clinicians and researchers for the expanding function of nursing within the health care delivery system.

### **Master's Degrees in Religious Studies**

A program leading to the degree of Sanctae Theologiae Magister (S.T.M.) is given in the Faculty of Religious Studies. This degree is primarily for those who intend to enter the ministry of the Christian Church or another religious institution, or to proceed to teaching in schools. A Master of Arts program (thesis and non-thesis) is also available.

### **Master of Science Degrees**

Programs leading to the degree of Master of Science are provided in the following areas:

Agricultural Economics  
Animal Science  
Atmospheric and Oceanic Science; options in Computational Science and Engineering, and Environment  
Biochemistry; options in Bioinformatics, and Chemical Biology  
Biology; options in Bioinformatics, Environment, and Neotropical Environment  
Bioresource Engineering; options in Environment, Integrated Water Resource Management (Non-Thesis), and Neotropical Environment  
Cell Biology and Anatomy  
Chemical Engineering  
Chemistry; option in Chemical Biology  
Civil Engineering and Applied Mechanics  
Communication Sciences and Disorders  
Computer Science (Thesis and Non-Thesis); options in Bioinformatics, and Computational Science and Engineering  
Dental Science (Thesis and Non-Thesis); option in Oral and Maxillofacial Surgery  
Earth and Planetary Sciences; option in Environment  
Entomology; options in Environment, and Neotropical Environment  
Epidemiology and Biostatistics (Thesis and Non-Thesis); option in Environment (Non-Thesis)  
Food Science and Agricultural Chemistry (Thesis and Non-Thesis)  
Geography; options in Environment, and Neotropical Environment  
Genetic Counselling (Non-Thesis)  
Human Genetics; option in Bioinformatics  
Human Nutrition  
Kinesiology and Physical Education (Thesis and Non-Thesis)  
Mathematics and Statistics (Thesis and Non-Thesis); options in Bioinformatics, and Computational Science and Engineering  
Mechanical Engineering  
Medical Radiation Physics  
Medicine, Experimental; options in Bioethics, Environment, and Family Medicine  
Microbiology and Immunology  
Microbiology (Macdonald Campus); option in Environment  
Mining and Materials Engineering  
Neuroscience  
Nursing  
Otolaryngology  
Parasitology; options in Bioinformatics, and Environment  
Pathology  
Pharmacology and Therapeutics; option in Chemical Biology  
Physics  
Physiology; option in Bioinformatics  
Plant Science; options in Bioinformatics, Environment, and Neotropical Environment  
Psychiatry  
Psychology  
Rehabilitation Sciences (Thesis and Non-Thesis)  
Renewable Resources; options in Environment, Environmental Assessment (Non-Thesis), and Neotropical Environment  
Surgery, Experimental

### **Master of Science, Applied, Degrees**

This degree was designed to provide postgraduate training of a professional and vocational character, with less emphasis on theoretical knowledge and research than in Master of Science programs, but with no lower standards either for admission or completion of requirements. Two years of full-time study or equivalent are normally required with an emphasis on coursework.

Programs are available in:

Animal Science  
Bioresource Engineering; options in Environment, Environmental Engineering, and Neotropical Environment  
Biotechnology  
Chemistry

Communication Sciences and Disorders  
 Human Nutrition  
 Nursing  
 Occupational Health  
 Occupational Therapy  
 Plant Science  
 Physical Therapy

Other degrees:

Master of Science, Applied (OT)  
 Master of Science, Applied (PT)

#### Master of Social Work Degrees

The M.S.W. degree (Thesis and Non-Thesis options) represents a second level of professional study in which students build competence in a chosen field of practice.

Special program:

M.S.W. with B.C.L. and LL.B.

#### Master of Urban Planning Degree

The program requires a minimum of two years residence and a three-month internship with a member of a recognized planning association.

Options: Transportation Planning and Urban Design.

### 4.3 Doctoral Degrees

Two categories of programs lead to higher degrees at McGill University: master's programs and doctoral programs.

**The following doctoral degrees are offered (see below for more information about sub-specializations):** Prerequisites:

Doctor of Civil Law (D.C.L.)	B.C.L. or LL.B. and usually LL.M. See Law.
Doctor of Music (D.Mus.)	M.A. in Composition (D.Mus. in Composition) or an master's degree in Performance, and professional and teaching experience (D.Mus. in Performance). See Music.
Doctor of Philosophy (Ph.D.)	An undergraduate degree relevant to the subject chosen for graduate work. Some departments require all Ph.D. candidates to hold a master's degree in the same subject. Departments may recommend to Graduate and Postdoctoral Studies that candidates of undoubted promise should be allowed to proceed directly to the Ph.D. degree without being required to submit a master's thesis.

#### Doctor of Civil Law Degrees

Doctoral programs are offered in Air and Space Law and Law (Comparative Law). Both are predominantly research degrees awarded on the basis of a thesis that represents an original contribution to the development of legal science.

#### Doctor of Music Degrees

The Doctor of Music degree is offered in Composition. The Doctoral thesis consists of a musical composition of major dimensions together with a written analysis of the work. The composition is presented by the candidate in concert. The regulations set forth for the Ph.D. generally apply also to the D.Mus.

The Doctor of Music degree is also offered in Performance. It is offered to professional musicians who wish to teach at the university level and to develop a specialization in a particular repertoire, approach, or discipline (musicology, music theory, music education and pedagogy, or music technology).

#### Doctor of Philosophy Degrees

Programs leading to the degree of Doctor of Philosophy are offered in the following areas:

Anatomy and Cell Biology  
 Animal Science; option in Bioinformatics  
 Anthropology; option in Neotropical Environment  
 Architecture  
 Art History; option in Gender and Women's Studies  
 Atmospheric and Oceanic Sciences  
 Biochemistry; options in Bioinformatics, and Chemical Biology

Biology; options in Bioinformatics, Developmental Biology, Environment, and Neotropical Environment  
 Biomedical Engineering; option in Bioinformatics  
 Bioresource Engineering; options in Environment, and Neotropical Environment  
 Chemical Engineering  
 Chemistry; option in Chemical Biology  
 Civil Engineering and Applied Mechanics  
 Classics  
 Communication Studies; option in Gender and Women's Studies  
 Communication Sciences and Disorders; option in Language Acquisition  
 Computer Science; option in Bioinformatics  
 Counselling Psychology  
 Earth and Planetary Sciences; option in Environment  
 Economics  
 Educational Psychology  
 Educational Studies; option in Gender and Women's Studies  
 Electrical Engineering  
 English  
 Entomology; options in Environment, and Neotropical Environment  
 Epidemiology and Biostatistics  
 Food Science and Agricultural Chemistry  
 French; option in Gender and Women's Studies  
 Geography; options in Environment, Gender and Women's Studies, and Neotropical Environment  
 German  
 Hispanic Studies  
 History  
 Human Genetics; option in Bioinformatics  
 Human Nutrition  
 Information Studies  
 Islamic Studies; option in Gender and Women's Studies  
 Linguistics; option in Language Acquisition  
 Management  
 Mathematics and Statistics; option in Bioinformatics  
 Mechanical Engineering  
 Medicine, Experimental; option in Environment  
 Microbiology and Immunology  
 Microbiology (Macdonald Campus); options in Bioinformatics, and Environment  
 Mining and Materials Engineering  
 Music; option in Gender and Women's Studies  
 Neuroscience  
 Nursing; option in Psychosocial Oncology  
 Occupational Health Sciences  
 Parasitology; options in Bioinformatics, and Environment  
 Pathology  
 Pharmacology and Therapeutics; option in Chemical Biology  
 Philosophy; options in Environment, and Gender and Women's Studies  
 Physics  
 Physiology; option in Bioinformatics  
 Plant Science; options in Bioinformatics, Environment, and Neotropical Environment  
 Political Science  
 Psychology; options in Language Acquisition, and Psychosocial Oncology  
 Rehabilitation Science  
 Religious Studies; option in Gender and Women's Studies  
 Renewable Resources; options in Environment, and Neotropical Environment  
 Russian  
 School/Applied Child Psychology  
 Social Work  
 Sociology; options in Environment, and Gender and Women's Studies  
 Surgery, Experimental

The following joint Ph.D. programs are offered:



Nursing (McGill/Université de Montréal)  
 Management (McGill/Concordia/H.E.C./UQAM)  
 Social Work (McGill/Université de Montréal)

#### 4.4 Postdoctoral Research

See [section 8: Postdoctoral Research](#) for information about postdoctoral research at McGill University.

## 5 Program Requirements

### 5.1 Master's Degrees

#### Residence Requirements – Master's Degrees

Refers to the number of terms (or years) students must be registered on a full-time basis to complete their program. Students are NOT permitted to graduate until they have fulfilled the residence requirement (or paid the corresponding fees) in their program.

- The following master's programs have a minimum residence requirement of **three full-time terms**: M.Arch, M.A., M.Eng., LL.M., M.Mus. (**except** M.Mus. in Sound Recording), M.Sc., M.S.W., M.Sc.A. (**except** M.Sc.A. in Communication Sciences and Disorders).
- The following master's programs have a **minimum** residence requirement of **four full-time terms**: M.L.I.S.; M.Mus. in Sound Recording; M.U.P.; M.A. (60 credits – Counselling Psychology – thesis; 78 credits – Educational Psychology); M.A. Teaching and Learning – Non-Thesis; M.Sc.A. in Communication Sciences and Disorders; S.T.M., Religious Studies.
- The residence requirement for the master's program in Education (M.Ed.); Library and Information Studies (M.L.I.S.); Management (M.B.A.); Religious Studies (S.T.M.); M.A. Counselling Psychology – Non-Thesis; M.A. Teaching and Learning – Non-Thesis; M.Sc. in Public Health – Non-Thesis; M.Sc.A. Nursing; M.Sc.A. Occupational Therapy; M.Sc.A. Physical Therapy; and students in part-time programs is determined on a per course basis. Residence requirements are fulfilled when students complete all course requirements in their respective programs.
- For master's programs structured as Course, Project or Non-Thesis options where the program is pursued on a part-time basis, residence requirements are normally fulfilled when students complete all course requirements in their respective programs (minimum 45 credits or a minimum of three full-time terms) and pay the fees accordingly.

These designated periods of residence represent minimum time requirements. There is no guarantee that the work for the degree can be completed in this time. Students must register for such additional terms as are needed to complete the program.

#### Coursework – Master's Degrees

Program requirements are outlined in the relevant departmental sections of the Graduate and Postdoctoral Studies Calendar available at [www.mcgill.ca/study](http://www.mcgill.ca/study).

The department concerned will examine the student's previous training and then decide which of the available courses in the area of specialization or related fields are required to bring the candidate to the proper level for the master's degree. Due account will be taken of relevant courses passed at any recognized university.

As a rule, no more than one-third of the McGill program formal coursework (not thesis, project, stage, or internship) can be credited with courses from another university.

Non-thesis degrees normally specify the course program which the candidate must follow.

The candidate is required to pass, with a mark of B- or better, all those courses which have been designated by the department as forming a part of the program, including additional requirements.

Students taking courses at another university must obtain a minimum grade of B- (65%) if the course is to be credited toward their McGill degree. In the cases where only a letter grade is used, a B- is the minimum passing grade and no equivalent percentage will be considered. In the cases where only a percentage grade is used, 65% is the minimum passing grade.

If courses were not used for a degree, they could be **credited** toward a McGill degree keeping in mind that a maximum of one-third of the course work (not thesis, project, stage, internship, and practicum) can be credited. If an **exemption** is granted, it must be replaced by another graduate course at McGill toward the degree. No double counting is ever allowed. This regulation also applies to doctoral programs.

#### Research and Thesis – Master's Degrees

All candidates for a research degree must present a thesis based on their own research. The total number of credits allotted to the thesis in any master's program must not be less than 24. The title of the thesis and names of examiners must be forwarded on a *Nomination of Examiners* form, in accordance with the dates on [www.mcgill.ca/importantdates](http://www.mcgill.ca/importantdates), through the Chair of the department concerned at the same time as the thesis is submitted to Graduate and Postdoctoral Studies. A thesis for the master's degree, while not necessarily requiring an exhaustive review of work in the particular field of study, or a great deal of original scholarship, must show familiarity with previous work in the field and must demonstrate the ability to carry out research and to organize results, all of which must be presented in good literate style. The thesis will not normally exceed 100 pages; in some disciplines, shorter texts are preferred. Guidelines and deadlines are available at [www.mcgill.ca/gps/students/thesis/guidelines](http://www.mcgill.ca/gps/students/thesis/guidelines).

**Language Requirements – Master's Degrees**

Most master's degree programs do not include language requirements, but candidates who intend to proceed to a doctoral degree should take note of any language requirements and are strongly advised to take the examinations in at least one language while working for the master's degree.

**5.2 Doctoral Degrees****Residence Requirements – Doctoral**

Refers to the numbers of terms (or years) students must be registered on a full-time basis to complete their program. Students are not permitted to graduate until they have fulfilled the residence requirement (or paid the corresponding fees) in their program.

Candidates entering Ph.D. 1 must follow a program of at least three years residency at the University; this is a minimum requirement, and there is no guarantee that the work of the degree can be completed in this time, but students are expected to complete within the maximum specified period. Only exceptional candidates holding a bachelor's degree will be considered for direct admission to Ph.D. 1 level.

It is required that candidates spend the greater part of each summer working on their theses, and those who do not do so are unlikely to complete a satisfactory thesis in the prescribed minimum time (see "Vacation Policy for Graduate Students and Postdocs").

A student who has obtained a master's degree at McGill University or at an approved institution, in a relevant subject and is proceeding to a Ph.D. degree will, on the recommendation of the department, be admitted to Ph.D. 2; in this case, the residency requirement for the program is two years.

In the doctoral program, students must be registered on a full-time basis for one more year after completion of the residency (i.e., Ph.D. 4 year) before continuing as additional session students until completion of the program.

**Note:** The master's degree must have been awarded before initial registration in the doctoral program; otherwise, the admission level will be at Ph.D. 1 and residency will be extended to three years. Once the level of admission is approved by Graduate and Postdoctoral Studies, it will not be changed after obtaining the master's degree if the date falls after registration in the program. If a previous awarded degree is a condition of admission, it must be fulfilled before registration in another program.

As a rule, no more than one-third of the McGill program formal coursework can be credited with courses from another university.

**Comprehensive Examinations – Doctoral**

A comprehensive examination or its equivalent is usually held near the end of Ph.D. 2. The results of this examination determine whether or not students will be permitted to continue in their programs. The methods adopted for examination and evaluation and the areas to be examined are specified by departmental regulations approved by the Dean of Graduate and Postdoctoral Studies. It is the responsibility of students to inform themselves of these details at the commencement of their programs. For more information, see "Ph.D. Comprehensives Policy".

**Language Requirements – Doctoral**

Most graduate departments in the Faculties of Agricultural and Environmental Sciences, Education, Engineering, Management, Medicine, and Science do not require a language examination. Students should inquire in their departments if there are any such requirements or whether any other requirements have been substituted for those relating to languages.

Graduate departments in the Faculties of Arts, Music and Religious Studies usually require proficiency in one or two languages other than English. In all cases **students should consult departmental regulations concerning language requirements.**

Language requirements for the Ph.D. degree are met through demonstrated reading knowledge. The usual languages are French, German, or Russian, but in particular instances another language may be necessary.

**All** language requirements must be fulfilled and the marks reported to Graduate and Postdoctoral Studies **before** submission of the thesis to GPS (Thesis Section).

Students must contact their departments to make arrangements to take the Language Reading Proficiency Examinations. Students may, however, demonstrate competence by a pass standing in two undergraduate language courses taken at McGill (see departmental regulations).

Candidates are advised to discharge their language requirements as early in their program as possible.

Students expecting to enrol in Professional Corporations in the province of Quebec are advised to become fluent in both spoken and written French.

Courses in French language are available at the English and French Language Centre. The teaching is intensive and class sizes are kept small. While undergraduate students are given preference, graduate students who are certain they can devote sufficient time to the work may enrol.

**Thesis – Doctoral**

The thesis for the Ph.D. degree must display original scholarship expressed in good literate style and must be a distinct contribution to knowledge. **Formal notice of a thesis title and names of examiners must be submitted to the Thesis Section of GPS on the *Nomination of Examiners* form in accordance with the dates on [www.mcgill.ca/importantdates](http://www.mcgill.ca/importantdates), at the same time as the thesis is submitted.** The list of examiners must be approved by the Department Chair, the supervisor and the student. The Thesis Section of GPS should be notified of any subsequent change of title as early as possible. Guidelines and deadlines are available at [www.mcgill.ca/gps/students/thesis/guidelines](http://www.mcgill.ca/gps/students/thesis/guidelines).

Seven copies of the thesis must be provided by the candidate. Of these, two copies will be retained by the University and five copies returned to the candidate. Some departments may require one or more additional copies. The final corrected copy is submitted electronically.

Special regulations for the Ph.D. degree in particular departments are stated in the entries of those departments.

**Thesis Oral Examination – Doctoral**

After the thesis has been received and approved, a final oral examination is held on the subject of the thesis and subjects intimately related to it. This is conducted in the presence of a Committee of at least five members presided over by a Pro-Dean nominated by Graduate and Postdoctoral Studies. The Chair of the candidate's department and the Thesis Supervisor are regularly invited to be members of the Committee; at least one member of the Committee is appointed from outside the candidate's department. Guidelines are available at [www.mcgill.ca/gps/students/thesis/guidelines](http://www.mcgill.ca/gps/students/thesis/guidelines).

### 5.3 Ad Hoc Programs

**In exceptional cases**, an applicant who wishes to pursue a master's (Thesis option only) or Ph.D. program in an academic department which is not currently authorized by the *Ministère de l'Éducation, du Loisir et du Sport* (MELS) to offer graduate programs, may be admitted to an *Ad Hoc* program. The application, including a research proposal, is examined by an Admissions Committee in the department which has familiarity with the proposed research area and experience in directing graduate studies.

Once the Admissions Committee makes a favourable recommendation, Graduate and Postdoctoral Studies confirms an Advisory Committee (recommended by the academic unit) to be responsible for program planning and monitoring of research progress. The regulations are fully described in the document "Procedures for Admission in *Ad Hoc* Master's and Doctoral Programs", available from GPS.

### 5.4 Ad Personam Programs (Thesis Option only)

In very rare circumstances, an applicant who wishes to engage in master's (Thesis option only) or Ph.D. studies of an interdisciplinary nature involving joint supervision by two departments, each of which is authorized by the *Ministère de l'Éducation, du Loisir et du Sport* (MELS) to offer its own graduate programs, may be admitted to an *Ad Personam* program. The regulations are fully described in a document available from GPS.

### 5.5 Coursework for Graduate Programs, Diplomas, and Certificates

Upper-level undergraduate courses (excluding 500-level) may not be considered for degrees, diplomas, and certificates unless they are already listed as required courses in the approved program description. If an upper-level undergraduate course (excluding 500-level) is taken by a graduate student, it must come as a recommendation from the Graduate Program Director in the department. The recommendation must state if the undergraduate course is an additional requirement for the program (must obtain B- or better) or if the course is extra to the program (will be flagged as such on the record and fees will be charged). See document at [www.mcgill.ca/gps/staff/registration](http://www.mcgill.ca/gps/staff/registration).

English and French language courses offered by the French Language Centre (Faculty of Arts) or the School of Continuing Studies may not be taken for coursework credits toward a graduate program.

All substitutions for coursework in graduate programs, diplomas, and certificates must be approved by GPS.

Courses taken at other institutions to be part of the requirements of a program of studies must be approved by GPS before registration. Double counting is not permitted.

## 6 General Admission for Graduate Studies



**Note:** The following admission requirements and application procedures are the minimum standard for applicants to McGill's Graduate and Postdoctoral Studies programs. Some graduate units may require additional qualifications or a higher minimum CGPA; prospective students are strongly urged to consult the unit concerned regarding specific requirements set for their program of interest.

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

Email: [servicepoint@mcgill.ca](mailto:servicepoint@mcgill.ca)

**Deadline: Admission to graduate studies operates on a rolling basis; complete applications and their supporting documentation must reach departmental offices on or before the date for guaranteed consideration specified by the department. To be considered for entrance fellowships, where available, applicants must verify the deadlines with individual departments. Meeting minimum admission standards does not guarantee admission.**

### 6.1 Application for Admission

Application information and the online application form are available at [www.mcgill.ca/gradapplicants/apply](http://www.mcgill.ca/gradapplicants/apply). Applicants (with some exceptions) are required to ask two instructors familiar with their work to send letters of recommendation. All applicants must themselves send, or ask the appropriate university authorities to send, two official or certified copies of their complete academic record from each university-level institution attended to date. McGill graduates do not need to submit McGill transcripts. Letters of recommendation and official transcripts must be sent **directly** to the department concerned. Please note

that all documents submitted to McGill University in support of an application to be admitted, including, but not limited to transcripts, diplomas, letters of reference and test scores, become the property of McGill University and will not be returned to the applicant or issuing institution under any circumstance.

A **non-refundable** fee of \$100 in Canadian funds **must** accompany each application, otherwise **it cannot be submitted**. This sum must be paid by credit card and is non-refundable when submitting the online application form. Candidates for Special, Visiting Student, and Qualifying status must apply and pay the application fee every year (i.e., every Fall term).

It is recommended that applicants submit a list of the titles of courses taken in the major subject, since transcripts often give code numbers only. **Transcripts written in a language other than English or French must be accompanied by a translation prepared by a licensed translator.** An explanation of the grading system used by the applicant's university is essential. The applicant should also indicate the major subject area in which further study is desired.

Completed applications, with supporting documents, must reach departmental offices according to individual department dates for guaranteed consideration. Applicants should contact the department concerned, or see: [www.mcgill.ca/gradapplicants/programs](http://www.mcgill.ca/gradapplicants/programs). International students are advised to apply well in advance of the date for guaranteed consideration as immigration procedures may be lengthy. Applications received after the prescribed dates for guaranteed consideration may or may not be considered, at the discretion of the department. Candidates will be notified of acceptance or refusal by Graduate and Postdoctoral Studies as quickly as possible.

Admission to graduate programs at McGill is highly competitive and the final decision rests with Graduate and Postdoctoral Studies. Admission decisions are not subject to appeal or reconsideration.

---

## 6.2 Admission Requirements (minimum requirements to be considered for admission)

Applicants should be graduates of a university of recognized reputation and hold a bachelor's degree equivalent to a McGill degree in a subject closely related to the one selected for graduate work. This implies that about one-third of all undergraduate courses should have been devoted to the subject itself and another third to cognate subjects.

The applicant must present evidence of academic achievement: a minimum standing equivalent to a cumulative grade point average (CGPA) of 3.0 out of a possible 4.0 or a CGPA of 3.2/4.0 for the last two full-time academic years. High grades are expected in courses considered by the department to be preparatory to the graduate program. Some departments impose additional or higher requirements.

See [www.mcgill.ca/gradapplicants/apply/prepare/requirements/international-degree-equivalency](http://www.mcgill.ca/gradapplicants/apply/prepare/requirements/international-degree-equivalency) for information on mark/grade equivalencies and degree requirements from countries in Europe and around the world.

Admission to graduate programs at McGill is highly competitive and the final decision rests with Graduate and Postdoctoral Studies. Admission decisions are not subject to appeal or reconsideration.

---

## 6.3 Admission Tests

### Graduate Record Examination (GRE)

The Graduate Record Examination (GRE) (Educational Testing Service, Princeton, NJ 08540) consists of a relatively advanced test in the candidates' specialty, and a general test of their attainments in several basic fields of knowledge for which no special preparation is required or recommended. It is offered at many centres, including Montreal, several times a year; the entire examination takes about eight hours, and there is a registration fee. Refer to [www.ets.org/gre](http://www.ets.org/gre) for further information. Only some departments require applicants to write the GRE examination, but all applicants who have written either the general aptitude or the advanced test are advised to submit the scores along with their other admission material.

This credential is of special importance in the case of applicants whose education has been interrupted, or has not led directly toward graduate study in the subject selected. In such cases the department has the right to insist on a report from the Graduate Record Examination or some similar test. High standing in this examination will not by itself guarantee admission. The Miller Analogies Test may be used similarly. Some departments of the Faculty of Education also require the taking of various tests.

### Graduate Management Admissions Test (GMAT)

Applicants to graduate programs in Management must submit scores from the Graduate Management Admissions Test (GMAT). The test is a standardized assessment offered by the Graduate Management Admission Council to help business schools assess candidates for admission. For further information see [www.mba.com/mba/thegmat](http://www.mba.com/mba/thegmat).

---

## 6.4 Competency in English

Applicants to graduate studies must demonstrate an adequate level of proficiency in English **prior to admission**, regardless of citizenship status or country of origin.

Normally, applicants meeting any one of the following conditions are NOT required to submit proof of proficiency in English:

1. Mother tongue (language first learned and still used on a daily basis) is English.
2. Has obtained (or is about to obtain) an undergraduate or graduate degree from a recognized foreign institution where English is the language of instruction.
3. Has obtained (or is about to obtain) an undergraduate or graduate degree from a recognized institution in Canada or the United States of America (anglophone or francophone).

4. Has lived and attended university, or been employed, for at least four consecutive years, in a country where English is the acknowledged primary language.

Applicants who do not meet any of the above-listed conditions must demonstrate proficiency in English using *one* of the following options:

1. TOEFL (Test of English as a Foreign Language): minimum acceptable scores are

Competency in English		
iBT (Internet-based test)	PBT (paper-based test)	CBT (computer-based test)*
86 overall, (no less than 20 in each of the four component scores)	550	* The CBT is no longer being offered and CBT results are no longer considered valid, or being reported by ETS.
N.B. an institutional version of the TOEFL is not acceptable.		

2. IELTS (International English Language Testing System): a band score of 6.5 or greater.
3. MELAB (Michigan English Language Assessment Battery): a mark of 85% or higher.
4. University of Cambridge ESOL Certificate in Advanced English (CAE): a grade of "B" (Good) or higher.
5. University of Cambridge ESOL Certificate of Proficiency in English (CPE): a grade of "C" (Pass) or higher.
6. Edexcel London Test of English - Level 5 - with an overall grade of at least "Pass".
7. McGill Certificate of Proficiency in English or McGill Certificate of Proficiency - English for Professional Communication: Certificate of Proficiency awarded. McGill Certificate of Proficiency in English or McGill Certificate of Proficiency - English for Professional Communication: Certificate of Proficiency awarded.

In each case, applicants must ensure that official test results are sent to McGill directly by the testing service. Applications cannot be considered if test results are not available. These scores are general minima; some departments may set higher requirements.

*Revised – July 2008*

## 6.5 Admission to a Qualifying Program

Some applicants whose academic degrees and standing entitle them to serious consideration for admission to graduate studies, but who are considered inadequately prepared in the subject selected may be admitted to a Qualifying Program for a Master's. The undergraduate-level courses to be taken in a Qualifying Program will be prescribed by the department concerned.

Qualifying students are registered in graduate studies, **but not as candidates for a degree**. Only one qualifying year (i.e., two full-time terms) is permitted.

In all cases, after the completion of a qualifying year or term, an applicant interested in commencing a degree program must apply for admission by the dates for guaranteed consideration. Successful completion of the work in the Qualifying Program (B- in all courses) does not automatically entitle the student to proceed toward a degree. Qualifying year students must apply for admission to the program for which they seek qualification.

In cases where a department recommends a change of registration from Qualifying Program (Fall) to Master's Degree First Year (Winter), **students must apply to the degree program by the Winter departmental dates for guaranteed consideration**. A Qualifying-Year applicant admitted to a Winter term as a first term of studies must apply for admission for a Fall term as his/her second term of studies.

Students who are ineligible for a Qualifying Program may apply to the appropriate undergraduate faculty for admission as regular or special students, and seek admission to graduate studies at a later date. The normal admission requirements must be met and the usual procedures followed.

## 6.6 Admission to a Second Degree Program

A candidate with a given higher degree may apply for admission to a second degree program at the same level but **in a different subject**. The normal admission requirements must be met and all the usual procedures followed.

## 6.7 Admission to Two Degree Programs

Students may, with special permission granted by Graduate and Postdoctoral Studies, be admitted to two degree programs or to two departments or faculties. Students are **never** permitted to pursue two **full-time** degree programs concurrently.

---

## 6.8 Admission to an Ad Personam Joint Program

*Ad Personam* joint graduate programs are restricted to master's Thesis option and Ph.D. programs. Students shall be admitted and registered by one department, to be known as the "first department". Approval for the joint program must be obtained from Graduate and Postdoctoral Studies. The request shall be signed by the Chairs of both departments involved and shall explicitly list the conditions imposed by the second department. The student shall undertake research under the joint supervision of both departments.

Students shall fulfil the degree requirements of the first department and shall complete all the requirements specified by the second department in the request for admission. This program is described in more detail in a document available from GPS.

---

## 6.9 Admission to an Ad Hoc Program (Thesis)

In exceptional cases, admission to an *Ad Hoc* program (Thesis) may be considered. Before Graduate and Postdoctoral Studies will authorize the admission of a student into an *Ad Hoc* program, it must receive a favourable report from a departmental committee constituted to examine the program in question.

Candidates, through the supervisor designated by the academic department most closely related to their research field, must submit a research proposal, an outline of the coursework needed including a comprehensive examination (for doctoral programs) in the relevant field, and the list of four supervisory committee members.

Once the request has been approved, the candidate may register following all the regular procedures. A fuller description of the admission procedure is available from GPS.

---

## 6.10 Reinstatement and Admission of Former Students

Students who have not been registered for a period of less than two years and who have not officially withdrawn from the University by submitting a signed Withdrawal Form to Graduate and Postdoctoral Studies are eligible to be considered for reinstatement into their program. The student's department must recommend, in writing, that the student be reinstated, stipulating any conditions for reinstatement that it deems appropriate. The final decision rests with GPS. Normally, GPS will approve the departmental recommendation. If the student's department chooses not to recommend reinstatement, the student may appeal to the Associate Dean (Graduate and Postdoctoral Studies). The decision of the Associate Dean (Graduate and Postdoctoral Studies) shall be final and not subject to further appeal.

Reinstatement fees will be charged in addition to the fees due for the academic session into which the student has been reinstated. The amount of the reinstatement fees is the tuition portion of fees owed for all unregistered terms, up to a maximum of two years just prior to the term of reinstatement.

If an individual has not registered for a period of more than two years, their student file will be closed. These individuals and those who have formally withdrawn may be considered for admission. Applicants' admission applications will be considered as part of the current admission cycle, in competition with other people applying during that cycle and in accordance with current graduate admission procedures and policies.

Procedure: Requirements for completion of the program will be evaluated. Some of these requirements may need to be redone or new ones may be added. Applicants must inquire about the fees that will be charged.

*Revised – Council of February 9, 2004.*

---

## 6.11 Deferral of Admission

Under exceptional circumstances, an admission for a particular semester can be considered for a deferral. This can be considered only if the student has not registered. If the student has already registered, no deferral can be granted. The student must withdraw from the University and apply for admission to a later term.

---

## 7 Fellowships, Awards, and Assistantships

Graduate and Postdoctoral Studies  
(Fellowships and Awards Section)  
James Administration Building, Room 400  
845 Sherbrooke Street West  
Montreal, QC H3A 2T5  
Telephone: 514-398-3990  
Fax: 514-398-2626

Email: [graduate.fellowships@mcgill.ca](mailto:graduate.fellowships@mcgill.ca)

Website: [www.mcgill.ca/gps/students](http://www.mcgill.ca/gps/students) (under Fellowships and Awards)

Graduate Fellowships and Awards Calendar: <http://coursecalendar.mcgill.ca/fellowships201112/wwhelp/wwhimpl/js/html/wwhelp.htm>

The Fellowships and Awards Section of Graduate and Postdoctoral Studies provides processing services for many sources of support for Canadian and non-Canadian students, both new to McGill and continuing. Further information on these and other sources of funding can be found in various publications on the Fellowships and Awards web pages. The *Graduate Fellowships and Awards Calendar* lists all internal awards as well as numerous external awards.

Entrance Fellowships are awarded on the basis of the application for admission, upon nomination by academic departments. Most internal fellowships are awarded in this manner – please contact the proposed academic department directly for further information.

Research Assistantships, Teaching Assistantships, and stipends from professors' research grants are handled by individual academic departments at McGill. Fellowships, assistantships, and stipends are used to make funding packages for graduate students. All assistantship and stipend inquiries should be directed to departments.

A small number of citizens from countries whose governments have entered into agreements on tuition fees with Quebec may be exempted from the supplemental tuition fees normally required of international students. All French citizens and a limited number of citizens of a country in the list, which can be found at [www.mels.gouv.qc.ca/ens-sup/ens-univ/droits\\_scolaire-A\\_pays-organisations.pdf](http://www.mels.gouv.qc.ca/ens-sup/ens-univ/droits_scolaire-A_pays-organisations.pdf), are eligible for such exemptions. For more information and the necessary application materials, see this MELS website: [www.mels.gouv.qc.ca/international/index\\_en.asp?page=progExemp](http://www.mels.gouv.qc.ca/international/index_en.asp?page=progExemp). The list of organizations where students should apply can be accessed from this website.

Differential Fee Waivers (DFW's) for international students provide eligible non-Canadian graduate students with waivers of the international tuition fee supplement. There are no application forms for differential fee waivers, since these are awarded on the basis of departmental nominations made to the Fellowships and Awards Section. Eligible students should contact their McGill department.

## 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 required by students 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 Graduate and Postdoctoral Studies in order to have access to University facilities (library, computer, etc.).

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

The general guidelines listed below are meant to encourage units to examine their policies and procedures to support postdoctoral education. Every unit hosting Postdocs should have explicitly stated policies and procedures for the provision of postdoctoral education as well as established means for informing Postdocs of policies, procedures, and privileges (e.g., orientation sessions, handbooks, etc.), as well as mechanisms for addressing complaints. Academic units should ensure that their policies, procedures and privileges are consistent with these guidelines and the Charter of Students' Rights. For their part, Postdocs are responsible for informing themselves of policies, procedures and privileges.

#### 1. Definition and Status

i. Postdoctoral status will be recognized by the University in accordance with Quebec provincial regulations. Persons may only be registered with postdoctoral status for a period of up to five years from the date they were awarded a Ph.D. or equivalent degree. Time allocated to parental or health leave is added to this period of time. Leaves for other reasons, including vacation leave, do not extend the term. Postdocs must do research under the supervision of a McGill professor, including Adjunct Professors, who are a member of McGill's academic staff qualified in the discipline in which training is being provided and with the abilities to fulfil responsibilities as a supervisor of the research and as a mentor for career development. They are expected to be engaged primarily in research with minimal teaching or other responsibilities.

#### 2. Registration

i. Postdocs must be registered annually with the University through Graduate and Postdoctoral Studies. Initial registration will require an original or notarized copy of the Ph.D. diploma. Registration will be limited to persons who fulfil the definition above and for whom there is an assurance of appropriate funding and where the unit can provide assurance of the necessary resources to permit postdoctoral education.

ii. Upon registration, the Postdoc will be eligible for a University identity card issued by Enrolment Services.

#### 3. Appointment, Pay, Agreement of Conditions

- i. Appointments may not exceed your registration eligibility status.
  - ii. In order to be registered as a Postdoc, you must be assured of financial support other than from personal means during your stay at McGill University, equivalent to the minimal stipend requirement set by the University in accordance with guidelines issued by federal and provincial research granting agencies. There are no provisions for paid parental leave unless this is stipulated in the regulations of a funding agency outside the University.
  - iii. At the outset of a postdoctoral appointment, a written Letter of Agreement for Postdoctoral Education should be drawn up and signed by the Postdoc, the supervisor, and the department head or delegate (see template Letter of Agreement on the web at [www.mcgill.ca/gps/postdocs](http://www.mcgill.ca/gps/postdocs) and supporting document – commitments for Postdoctoral Scholars and Supervisors at [www.mcgill.ca/files/gps/Commitments\\_of\\_Postdoctoral\\_Scholars\\_and\\_Supervisors\\_July\\_09.pdf](http://www.mcgill.ca/files/gps/Commitments_of_Postdoctoral_Scholars_and_Supervisors_July_09.pdf)). This should stipulate, for example, the purpose of the postdoctoral appointment (research training and the advancement of knowledge), the duration of the fellowship/financial support, the modality of pay, the work space, travel funds, and expectations and compensation for teaching and student research supervision. Leaves from postdoctoral education must comply with the Graduate and Postdoctoral Studies Policies for Vacation, Parental/Familial, and Health Leave (see Graduate and Postdoctoral Studies General Information [section 8.3: Vacation Policy for Graduate Students and Postdocs](#) and [section 9.6: Health and Parental/Familial Leave of Absence Policy](#)). Any breach of these conditions may result in grievance procedures or the termination of the postdoctoral appointment.
  - iv. Postdocs with full responsibility for teaching a course should be compensated over and above their fellowship at the standard rate paid to lecturers by their department.
  - v. The amount of research, teaching, or other tasks that Postdocs engage in over and above postdoctoral activities should conform to the regulations for Postdocs specified by the Canadian research council of their discipline. This applies to all Postdocs, including those whose funding does not come from the Canadian research councils.
- 4. Privileges**
- i. Postdocs have the same pertinent rights as the ones granted to McGill students in the *Handbook on Student Rights and Responsibilities* (“Green Book”), available at [www.mcgill.ca/secretariat/policies/students](http://www.mcgill.ca/secretariat/policies/students).
  - ii. Postdocs have full graduate student borrowing privileges in McGill libraries through their identity card.
  - iii. As a rule, Postdocs who are Canadian citizens or who have Permanent Resident status may take courses for credit. Admission to such courses should be sought by submitting application documents directly to the appropriate program by the Postdoc. They must be admitted by the department offering the courses as Special Students. These Postdocs may only be enrolled as part-time students in non-degree granting programs. They will be charged fees for these courses.
  - iv. Postdocs may be listed in the McGill directory. The Computing Centre will grant Postdocs email privileges on the same basis as graduate students upon presentation of a valid identity card.
  - v. The Department of Athletics will grant Postdocs access to sports facilities upon presentation of their identity card. A fee will be charged on an annual or term basis.
  - vi. Postdocs are mandatory members of the Post-Graduate Students’ Society (PGSS) and an annual association fee is automatically charged. PGSS fees are mandatory. Postdocs are permitted membership in the Faculty Club; an annual fee will be charged for this membership.
  - vii. Postdocs are encouraged to participate in Professional Development Workshops provided by Graduate and Postdoctoral Studies and Teaching and Learning services. These sessions are usually free of charge.
  - viii. Postdocs have access to the services provided by the Ombudsperson.
  - ix. Postdocs may enrol as part-time students in the second language written and spoken English/French courses offered by the School of Continuing Studies/French Language Centre. Postdocs will be charged tuition for these courses. International Postdocs may be required to obtain a CAQ and a Study Permit.
  - x. Access to student services and athletic services are available to the Postdoc on an opt-in basis. Fees are applicable.

**5. Responsibilities**

- i. Postdocs are subject to the responsibilities outlined in the *Handbook on Student Rights and Responsibilities* (“Green Book”), available at [www.mcgill.ca/secretariat/policies/students](http://www.mcgill.ca/secretariat/policies/students).
- 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 responsibilities of the department are:
  - to verify the Postdoc’s eligibility period for registration;
  - to provide Postdocs with departmental policy and procedures that pertain to them;
  - to oversee the registration and appointment of Postdocs;
  - to assign departmental personnel (e.g., Postdoc coordinator and graduate program director) the responsibility for Postdocs;
  - 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 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 responsibilities of Postdocs are:

- to inform themselves of and adhere to the University’s policies and/or regulations for Postdocs for leaves, for research, and for student conduct as outlined in the *Handbook on Student Rights and Responsibilities* and the *General Information, Regulations and Research Guidelines* Calendar of Graduate and Postdoctoral Studies;
- to submit a complete file for registration to Graduate and Postdoctoral Studies;
- to sign and adhere to their Letter of Agreement for Postdoctoral Education;
- to communicate regularly with their supervisor;
- to inform their supervisor of their absences.

vii. Some examples of the responsibilities of the University are:

- to register Postdocs;
- to provide an appeal mechanism in cases of conflict;
- to provide documented policies and procedures to Postdocs;
- to provide Postdocs with the necessary information on McGill University student services.

*Approved by Senate, April 2000*

---

### 8.3 Vacation Policy for Graduate Students and Postdocs

Graduate students and Postdocs should normally be entitled to vacation leave equivalent to university holidays and an additional total of fifteen (15) working days in the year. Funded students and Postdocs with fellowships and research grant stipends taking additional vacation leave may have their funding reduced accordingly.

*Council of FGSR April 23, 1999*

---

### 8.4 Leave of Absence for Health and Parental/Familial Reasons

A leave of absence may be granted by Graduate and Postdoctoral Studies for maternity or parental reasons or for health reasons (see [section 9.6: Health and Parental/Familial Leave of Absence Policy](#)).

Such a leave must be requested on a term by term basis and may be granted for a period of up to 52 weeks. Students and Postdocs must make a request for such a leave in writing to their department and submit a medical certificate. The department shall forward the request to GPS. See procedure under [section 9.6: Health and Parental/Familial Leave of Absence 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. GPS has prepared 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. The document is available at [www.mcgill.ca/gps/postdocs/becoming/leave](http://www.mcgill.ca/gps/postdocs/becoming/leave) under “Information on the Funding Council Leave Policies for Graduate Students and Postdoctoral Fellows”.

---

### 8.5 Postdoctoral Research Trainees

#### Eligibility

If your situation does not conform to the *Quebec Ministère de l’Éducation, du Loisir et du Sport* (MELS) definition of 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 exposure and require a training card must register through Postgraduate Medical Education of the Faculty of Medicine – not Graduate and Postdoctoral Studies.

The category of Postdoctoral Research Trainee is for:

**Category 1:** An individual who has completed requirements for the Doctoral degree or medical specialty, but the degree/certification has not yet been awarded. The individual will subsequently be eligible for registration as a Postdoctoral Fellow.

**Category 2:** An individual who is not eligible for Postdoctoral Registration according to the MELS definition, but is a recipient of an external postdoctoral award from a recognized Canadian funding agency.

**Category 3:** An individual who holds a professional degree (or equivalent) in a regulated health profession (as defined under CIHR-eligible health profession) and is enrolled in a program of postgraduate medical education at another institution. The individual wishes to conduct the research stage or elective component of his/her program of study at McGill University under the supervision of a McGill professor. The individual will be engaged in full-time research with well-defined objectives, responsibilities, and methods of reporting. The application must be accompanied by a letter of permission from the home institution (signed by the Department Chair, Dean or equivalent) confirming registration in their program and stating the expected duration of the 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;
- must be engaged in full-time research;
- must provide copies of official transcripts/diploma;
- must have the approval of a McGill professor to supervise the research and of the Unit;
- must have adequate proficiency in English, but is not required to provide official proof of English competency to Graduate and Postdoctoral Studies;
- must comply with regulations and procedures governing research ethics and safety and obtain the necessary training;
- will be provided access to McGill libraries, email, and required training in research ethics and safety. Any other University services must be purchased (e.g., access to athletic facilities);
- must arrange for basic health insurance coverage prior to arrival at McGill and may be required to provide proof of coverage.

---

## 9 Graduate Studies Guidelines and Policies

Students must inform themselves of University rules and regulations and keep abreast of any changes that may occur. The *General Studies Guidelines and Policies* section of this publication contains important details required by students during their studies at McGill and should be periodically consulted, along with other sections and related publications.



**Note:** The University Exam Regulations governed by the : *University Student Assessment Policy* (adopted by Senate in February 2011) are being updated for Fall 2011 and will be available at [www.mcgill.ca/students/exams/regulations](http://www.mcgill.ca/students/exams/regulations). The revised Regulations will be published in the *University Regulations and Resources* section of the 2012-2013 *Programs, Courses and University Regulations* publication. This “Note” applies to all subsections under this topic Graduate Studies Guidelines and Policies.

---

### 9.1 Guidelines and Regulations for Academic Units on Graduate Student Advising and Supervision

The general guidelines suggested below are meant to encourage units to examine their graduate programs and to specify their own policies and procedures. These guidelines are directed primarily toward thesis programs but will, in part, be appropriate for non-thesis programs as well.

Each academic unit should have explicitly stated policies and procedures regarding the advising and supervising of graduate students, as well as established means for informing students of procedures and deadlines (e.g., orientation sessions, handbooks) and mechanisms for addressing complaints. Academic units should ensure that their policies and procedures are consistent with the Charter of Students' Rights. For their part, graduate students are responsible for informing themselves of these policies and procedures.

#### 1. Assignment of Advisers, Supervisors, and Committees

- i. Each unit should designate a member (or members) of the academic staff (usually the graduate program director) to monitor the progress of students throughout the graduate program, to ensure that all conditions of admission and requirements are fulfilled, to provide students with information on their program, their progress through it, sources of and policies on financial support, and to advise them how to resolve problems which may arise during their program.
- ii. As soon as possible, students should have a supervisor who has competence in the student's proposed area of research, and a program or thesis committee. Although procedures and timetables for choosing supervisors and committees may vary across programs, they should be consistent within

a particular program and should be made clear to incoming students. Thesis supervisors must be chosen from academic staff in tenure-track positions. Faculty Lecturers and Research Assistants may not act as supervisors but in exceptional cases, may be co-supervisors. Emeritus Professors and Adjunct Professors may co-supervise. Certain non-tenure track professors appointed in the Faculty of Medicine may be eligible to supervise or co-supervise graduate students with the approval of the unit and Graduate and Postdoctoral Studies. In the case of supervision, the academic unit in question must ensure continuity of appropriate supervision of their graduate students.

## 2. Program

- i. Early in their program, students should be informed of the phases through which they must pass toward the achievement of the graduate degree, the approximate amount of time each phase should take, the criteria for its successful completion, and any deadlines relating to these phases.
- ii. It is important that students are made aware of whatever courses are required to complete their programs, that these courses are available, and that they relate to students' proposed areas of research or to the development of related areas of scholarship.
- iii. Where relevant, students should also be informed early in their program of language requirements or comprehensive examinations. The guidelines, criteria and procedures for comprehensive examinations must be explicit and consistently applied in each program. Academic units should consider the rationale for language and comprehensive examinations and how they relate to the objectives of the graduate program.
- iv. Every effort should be taken to ensure that students choose, as soon as possible, realistic and appropriate areas of research commensurate with degree requirements.
- v. **There must be clear procedures established in every unit by which students receive guidance and constructive criticism on their progress on a regular basis through the program (e.g., regular meetings and/or email communication with supervisors and committees, attendance at research seminars, semester or annual reviews of student progress). In addition to regular meetings between the student and supervisor or advisory/thesis committee, each unit must establish a procedure to provide feedback to thesis students regarding their research progress. At least annually, there must be a meeting between the student, supervisor and advisory/thesis committee or, in the case where there is no such advisory/thesis committee, there must be a meeting between the supervisor and a departmental representative, at which objectives for the upcoming year are established and the prior year's research progress recorded and evaluated. A written record of such meetings must include the signature of the student, supervisor, and the advisory/thesis committee member or a departmental representative, and this record must be retained in the student's departmental file. (The Graduate Student Research Objectives Report Form, the Graduate Student Research Progress Record, and the Graduate Student Research Progress Report Form are to be utilized to keep a record of these meetings.) In the case where the student does not make expected progress, the advisory or thesis committee or, in the case where there is no such advisory or thesis committee, the student, supervisor and a departmental representative must meet at least once per semester for the subsequent twelve months to review progress and if appropriate to set new objectives. On the occasion of a second unsatisfactory progress report, the student may be required to withdraw from the program of study.**
- vi. Students should be made aware of the cost of living in Montreal and of sources of financial support (e.g., teaching or research assistantships, fellowships) and of the facilities available to them (e.g., study space, computers).
- vii. Students should receive guidance and encouragement in areas relating to their growth in scholarship, professional development and career planning. Examples may include, where appropriate, reporting research, writing abstracts, preparing papers for conference presentation or for publication, writing grant and fellowship applications, conducting a job search, and preparing for job interviews.
- viii. Units should be sensitive to special academic needs and concerns that may arise in the case of certain students, such as international students or students who undertake graduate studies after a long absence from university.

## 3. Responsibilities

Each unit should clearly identify the student's supervisory needs at each phase and the means by which these needs will be met. Some functions will be fulfilled by the Chair, some by the graduate program director, some by the supervisor and some by the committee. Each unit should clearly identify the specific responsibilities of each of these, as well as the responsibilities of students themselves.

- i. Each unit should consider the availability of student support, research facilities, space, and availability of potential supervisors in determining the number of students admitted into the program.
- ii. Some examples of the responsibilities of the graduate program director are to be knowledgeable about program requirements, the composition of committees, the procedures for comprehensive and oral defense examinations, and other policies relating to graduate studies; to maintain a dossier on each student's progress; and to be sensitive to graduation deadlines and students' career plans.
- iii. Some examples of the responsibilities of a supervisor are to uphold and to transmit to students the highest professional standards of research and/or scholarship; to provide guidance in all phases of the student's research; to meet with their students regularly; to provide prompt feedback when work is submitted including drafts of the thesis; and to clarify expectations regarding collaborative work, authorship, publication and conference presentations.
- iv. Some examples of the responsibilities of the students are to inform themselves of program requirements and deadlines; to work within these deadlines; to communicate regularly with the supervisor and committee; and to submit progress reports to the supervisor and committee.
- v. The Chair of the unit should ensure that procedures are in place to address serious disagreements that may arise, for example, between a student and a supervisor or between a supervisor and committee members. Such procedures should involve a neutral mediator who will ensure that all sides of a dispute are heard before any decision is made.

## 4. Quality of Supervision and Teaching

- i. Academic units and Graduate and Postdoctoral Studies should consider ways to assess and improve the quality of supervision and to help new supervisors, e.g., through workshops or mentoring models. Procedures for monitoring the quality of graduate student supervision and for providing constructive feedback for supervisors should be developed.
- ii. Graduate supervision should be recognized as an integral part of the academic responsibility of an academic unit and should be considered in the allocation of workload, as should the teaching of graduate courses.

- iii. Academic units should establish criteria of excellence in supervision and graduate teaching appropriate to their disciplines and should suitably reward those who meet these criteria, e.g., in decisions concerning tenure and promotion, or merit pay awards.
- iv. The maximum number of students under the direction of a single supervisor should be consistent with the ability of the supervisor to provide quality supervision, taking into account the workload of the supervisor and norms of the discipline.
- v. Procedures should be established for ensuring continuity in supervision when a student is separated from a supervisor – for example, when the supervisor takes a sabbatical leave, retires from McGill or changes universities or when the student leaves to complete field work or takes a job before submitting a thesis.

*Revised by Council of FGSR, April 23, 1999 and October 6, 2003*

---

## 9.2 Policy on Graduate Student Research Progress Tracking

This is a new mandatory policy and procedure to track the research progress of graduate students. The policy is referred to in the amended [section 9.1: Guidelines and Regulations for Academic Units on Graduate Student Advising and Supervision](#) in bold print. Documents to record progress can be found on the GPS website: [www.mcgill.ca/gps/staff/forms](http://www.mcgill.ca/gps/staff/forms).

The following is a summary of the main elements of the new **mandatory** policy. The following steps must be followed for each graduate student in a thesis program:

1. Annually, the student must meet with, at minimum, their supervisor(s) and a departmental representative. This meeting can occur in the context of an annual thesis or advisory committee in those departments that have thesis committees
2. At the first such meeting (to be held shortly after thesis students begin their programs), written objectives/expectations for the year must be recorded on the first of the three forms, Form #1 (Graduate Student Research Objectives Report Form). All three people at the meeting must sign this form. A student who does not agree to sign the form must write a statement detailing his/her objections to the expectations recorded on the form.
3. Approximately one year later, and every year thereafter, the student, supervisor(s) and the departmental representative should meet again to review the progress that has been achieved toward the recorded objectives. Prior to the meeting, the student should record his/her accomplishments and progress for the year by completing Form #2 (Graduate Student Research Progress Record). This completed form is then evaluated by the supervisor and the departmental representative on Form #3 (Graduate Student Research Progress Report Form). All parties sign Form #3. A student who does not agree to sign the form must write a statement detailing his/her objections. At this same meeting, objectives for the following year should be recorded on Form #1, as per the procedure described in point 2, above.
4. In the event that recorded research progress is unsatisfactory, a new set of objectives should be developed for the student at the meeting, and recorded on Form #1. These new, or interim, objectives apply only to the next semester. Evaluation of progress should take place after that semester has concluded, following the steps described in point 3, above.
5. In the event that a student has any two unsatisfactory evaluations they may be required to withdraw from their program of study. These two unsatisfactory evaluations need not be successive.
6. All forms are to be kept in departmental files.
7. Departments that already have progress tracking forms may continue to utilize them, but these must conform to the fundamental principles underlying this new policy. Specifically, any departmental procedure or forms to record graduate research progress must:
  - be used **annually**;
  - be used in a meeting with the supervisor and one other departmental representative, and signed by all parties;
  - include a written statement of expectations approximately one year before any evaluation. (Note: This can be one semester in the case of expectations following an unsatisfactory evaluation.);
  - permit the student to submit a minority report and not sign;
  - state clearly that any two unsatisfactory evaluations may be grounds for requiring a student to withdraw.

Please note this new University policy is **MANDATORY**. Students may grieve against a department that fails to adhere to the policy and procedures outlined above.

*Senate, September 2003*

---

## 9.3 Vacation Policy for Graduate Students and Postdocs

Graduate students and Postdocs should normally be entitled to vacation leave equivalent to university holidays and an additional total of fifteen (15) working days in the year. Funded students and Postdocs with fellowships and research grant stipends taking additional vacation leave may have their funding reduced accordingly.

*Council of FGSR April 23, 1999*

---

## 9.4 Ph.D. Comprehensives Policy

### Preamble

The majority of doctoral programs at McGill require candidates to pass a comprehensive examination or set of examinations or equivalent, such as qualifying examinations, preliminary examinations, candidacy paper, comprehensive evaluation, thesis proposal, etc. The Calendar of Graduate and Postdoctoral Studies (GPS) includes the following statement:

A comprehensive examination or its equivalent is usually held near the end of Ph.D. 2. The results of this examination determine whether or not students will be permitted to continue in their programs. The methods adopted for examination and evaluation and the areas to be examined are specified by departmental regulations and approved by Graduate and Postdoctoral Studies. It is the responsibility of students to inform themselves of these details at the commencement of their programs.

It is recognized that expectations for the Ph.D. comprehensive will vary according to the needs of the discipline. It is important to make it clear to doctoral candidates what the expectations and procedures are for their Ph.D. comprehensive, and to maintain consistency within a given program.

### 1. General Policy

At the beginning of the relevant academic year, units must provide doctoral students with a written description of the Ph.D. comprehensive, covering the following issues: objectives and content, format, timing, assessment, grading and reporting, failures. (See below for details.)

- All units that have a Ph.D. comprehensive must adopt an administrative course number for it, usually XXXX 701. One of the following forms of grading must be adopted and used consistently within the program: Pass/Fail or letter grades. ("Mixed" modes of grading are not permitted, i.e., some students within a program reported on a Pass/Fail basis and others by means of letter grades.)

### Specific Issues

#### Objectives and Content

Units must specify the objectives of the Ph.D. comprehensive. Objectives may include assessing any of the following (or a combination), with a view to determining whether the student demonstrates the necessary research skills and academic achievements to be permitted to continue in the Ph.D. program. (This list is not intended to be exhaustive.)

- knowledge of the discipline (from the point of view of breadth)
- understanding of the proposed field of research
- ability to conduct independent and original research
- a thesis proposal
- professional skills
- ability to present and defend material orally

The content of the comprehensive must be consistent with the objectives and should be appropriately circumscribed. Students must be given an indication of the range of material that may be covered in the examination and suggestions as to how to cover this material (e.g., via reading lists, courses, etc.).

#### Format

The format of the comprehensive must be clearly stated and must be consistent across students within a particular program. The following list gives some of the more common formats, which are often combined. (This list is not intended to be exhaustive.)

- written examination of a specific duration
- take-home examination
- extended research paper(s)
- written research proposal
- oral exam (which may include or consist of a defense of a research paper or research proposal)

If the comprehensive consists of several parts, the relationship (if any) between them must be made clear.

#### Timing

Timing of the comprehensive must be specified, including the earliest and latest dates by which the comprehensive is to be completed. Students must be informed of the specific dates of the exam in sufficient time for them to prepare for it.

Given the importance of the Ph.D. comprehensive and the consequences of failure, the exam should be held reasonably early in the program, so that students do not spend several years preparing for it.

Prerequisites must be specified. For example, clarify whether all course work must have been completed prior to the comprehensive and whether the comprehensive is the final step before thesis research and writing.

#### Assessment, Grading and Reporting

Evaluation parameters must be made clear, including information about who sets the exam questions and who evaluates the student. If performance is assessed by a committee, clarify how the committee is appointed and who sits on it. In the case of written examinations, clarify whether the grading is done by one or more people.

Where there is more than one component to the examination (e.g., an oral exam plus a written exam), it must be made clear how these components are factored into the final grade. For example, make it clear whether each component counts equally, whether the assessment is global, and whether failure on one part of the comprehensive examination (or on one question) results in an overall failure.

#### Feedback

The assessment and reasons for the decision must be documented and provided to the student in sufficient detail to allow the student to understand the decision, including identifying strengths and weaknesses. (A number of units have developed short forms specifically for this purpose.) In the case of oral examinations, the student should also be given feedback on presentation, logical exposition, ability to answer questions, etc.

In the case of oral exams, units may wish to consider the following: ensure that there is a reasonably detailed written assessment of the student's performance; tape the oral examination; allow the student to select a faculty member to act as a neutral observer; have one faculty member serve as a neutral chair (equivalent to a Pro-Dean); have an "outside" committee member; have the oral examination open to other students and faculty members.

### **Plagiarism**

McGill University values academic integrity, which is fundamental to achieving our mission of the advancement of learning. Therefore, all students must understand the issues associated with **academic integrity** (see [www.mcgill.ca/students/srr/honest](http://www.mcgill.ca/students/srr/honest) for more information).

Plagiarism in a Ph.D. comprehensive examination contravenes McGill University's academic goals and standards. Consequently, any student found guilty of plagiarism under the Code of Student conduct and Disciplinary Procedures (see the *Handbook on Students Rights and Responsibilities* available at [www.mcgill.ca/secretariat/policies/students](http://www.mcgill.ca/secretariat/policies/students)) in a Ph.D. comprehensive examination may face very serious penalties, even expulsion from the University without the degree.

### **Failures**

#### **i. Repeats**

In the event of a failure, units must allow, without prejudice, one repeat of the comprehensive (in whole or in part). The first time a student fails, the student must be informed in writing by the department that he/she has failed the comprehensive and must be informed of conditions relating to a repeat of the examination. In such circumstances, the grade of HH (continuing) will be used. In the event of a second failure, a grade of F will be reported to Graduate and Postdoctoral Studies and the student will be asked to withdraw from the Ph.D. program.

Conditions for retaking the examination must be clearly stated, including the time frame, potential dates, nature of the re-examination, committee membership, etc.

Units have the right to specify further requirements in the event of failure (e.g., requiring students to take an additional course or courses in areas where they have shown weakness on the comprehensive).

#### **ii. Plagiarism**

If plagiarism is suspected, the case will be referred directly to the committee on Student Discipline in accordance with the code of Student Conduct, Part III (article 15) and Part V (A). If plagiarism is established by due University process, the student is considered to have failed the examination, with no possibility of repeat.

#### **iii. Review and Reassessment**

Rereads. In the case of written comprehensives, the Graduate Studies Reread Policy applies.

A student who fails an oral examination may request a review. In such cases, Graduate and Postdoctoral Studies will conduct a review of the examination process and procedures.

### **Other Relevant Policies/Offices**

- Charter of Student Rights
- Graduate Studies Reread Policy
- Office for Students with Disabilities

*Approved by Executive of Faculty of Graduate Studies and Research (FGSR) February 17, 1997 and Council of FGSR March 7, 1997*

---

## **9.5 Graduate Studies Reread Policy**

**This policy applies only in the case of marks given for written work in 600- and 700-level courses.** For 500-level courses and below, the reread policy of the appropriate undergraduate faculty applies.

### **Consultation**

In accordance with the Charter of Student Rights, and subject to the conditions stated therein, graduate students have the right, subject to reasonable administrative arrangements, "to consult any written submission for which they have received a mark and to discuss this submission with the examiner". Upon request by the student, the instructor of the course is obliged to conduct this consultation with the student.

(Note: Where materials have been graded by a TA and the student wants a reconsideration of the grade, the faculty member responsible for the course is expected to review the materials and the appropriateness of the grade. This is so even if the materials in question have already been discussed by the TA with the student.)

### **Verification**

In a case where a student feels that totalling errors have been made in arriving at the final grade, the student can request the instructor to carry out a detailed check that all questions have been marked and that the final grade has correctly been computed on the basis of the term work, final examination, etc.

### **Rereads**

According to the Charter, students have the right, subject to reasonable administrative arrangements, "to an impartial and competent review of any mark" (hereafter "reread").

At the time the request for a reread is made, the student should have already met with the faculty member responsible for the course to review the mark, or made a reasonable attempt to do so. Rereads can only be requested if a change upwards in the letter grade for the course is possible as a result of the reread. Assignments can only be reread if, together, they account for more than 20% of the course grade.

The reread by a second reader is a review of the mark, not the work assigned. It is the second reader's task to determine whether the original mark is fair and reasonable, not to give the work a totally new assessment.

1. The time limit for requesting a reread is within 30 days after posting of the final marks for the course. However, in the case of work which has been graded during the course and returned to the student, students must indicate in writing to Graduate and Postdoctoral Studies within 5 working days of receiving the graded work their intention to request a reread. This intention must be confirmed within 30 days of the posting of the final marks for the course.

(Note: Material that is returned to a student **cannot be reread** unless arrangements have been made to ensure that the material has not been changed subsequent to the original grading; for example, the student can make a copy for the professor to retain either before handing the material in or immediately upon receiving it back from the instructor or at the point where the professor and student review the work together.)

Instructors are strongly advised to write their corrections in red pen and to write comments which help the student to understand the mark assigned.)

2. The request for a formal reread must be made by the student in writing to Graduate and Postdoctoral Studies and should specify the reasons for the request. It should include a statement indicating that the student has already met with the faculty member responsible for the course to review the mark or indicating why this has not been possible. The reread fee (\$35 for an exam, \$35 for a paper, \$35 for one or more assignments, to a maximum of \$105 per course) will be charged directly to the student's fee account after the result of the reread is received. No fee will be charged if there is a change upwards in the letter grade for the course.
3. Administration of the reread is handled by Graduate and Postdoctoral Studies, not by the department. GPS will contact the department to obtain the work to be reread, a list of potential readers, and details of the marking. The list of potential readers must be approved by the Department Chair or Graduate Program Director. The Chair or Director must, as well, vouch for the impartiality of these readers. All communication with the second reader is conducted by GPS.

The second reader is given the original assignment, with marginalia, corrections, summary comments and mark intact, as well as any notes from the instructor pertinent to the general nature of the course or the assignment and grading schemes, etc.

4. The student's and the instructor's names are blanked out to reduce the possibility of prejudice and to help meet the requirement of the Charter of Students' Rights that the review be impartial. The rereader's name will not be made known to the student or instructor at any time; the student's name will not be made known to the rereader at any time.
5. The second reader should support his or her assessment with a brief memorandum to Graduate and Postdoctoral Studies. As a result of the reread process, the grade may become **higher or lower or remain unchanged**. The grade submitted by the second reader shall replace the original grade. The reread grade cannot be challenged.

In the case of requests for rereads of group work, all members of the group must sign the request, indicating that they agree to the reread. In the event that members of the group are not in agreement, the written request should indicate which students are requesting the reread and which students do not wish for a reread. In such cases, the outcome of the reread (whether positive or negative) will affect only the students in favour of the reread. Neither the reread grade nor the decision to opt in or out of the reread can be challenged.

6. The new grade resulting from the review will be communicated to the student in a letter from Graduate and Postdoctoral Studies, with a copy to the academic unit.

*Prepared by the Committee on Graduate Programs, Supervision and Teaching*

*Approved by Council of the Faculty of Graduate Studies and Research, May 12th 1995*

## 9.6 Health and Parental/Familial Leave of Absence Policy

A leave of absence may be granted by Graduate and Postdoctoral Studies for maternity or parenting (interpreted according to McGill's "Parental Leave Policy" for non-academic staff) reasons or for health reasons.

Such a leave must be requested on a term by term basis and may be granted for a period of up to 52 weeks. Students must make a request for such a leave in writing to their department and submit a medical certificate. The department shall forward the request to GPS.

During a **leave of absence for parental or familial reasons**, a student will not be eligible to take courses but he/she may request and expect guidance on thesis and research work and will have free access to the University's academic facilities. Library services will continue to be available by registering at the Circulation Desk of the Humanities and Social Sciences Library (McLennan-Redpath). In special circumstances, familial leave may be considered by GPS for a student when a close family member is ill.

During a **leave of absence for health reasons**, a student will not be eligible to request guidance on thesis and research work or to take courses. He/she will not have access to the University's academic facilities but Library services will normally continue to be available by registering at the Circulation Desk of the Humanities and Social Sciences Library (McLennan-Redpath).

A medical certificate must accompany such leave requests.

*Council of FGSR, March 1999*

**Please refer to *University Regulations and Resources > Graduate > Regulations > : Leave of Absence Status* for information regarding registration of graduate students and Postdocs on such leaves.**

**Procedure:**

All requests for a leave of absence for health reasons should be accompanied by the following:

- a duly completed *Leave of Absence/Non-Resident Request Form* available from [www.mcgill.ca/gps/staff/registration](http://www.mcgill.ca/gps/staff/registration);
- a written request from the student;
- a Minerva form to drop all courses for all relevant terms;
- a medical certificate.

To be acceptable, the medical certificate must contain at least the following items:

- the student's name, as well as complete contact information for the physician;
- a clear statement by the physician justifying the student's inability to perform his/her academic duties, with start and end dates;
- if the request is submitted during a term for which the leave is requested, a clear explanation as to why the health conditions in question did not prevent the normal performance of academic duties at the beginning of the semester.

No retroactive requests for leave of absence will be considered.

It remains the student's responsibility to verify their administrative situation, in particular, as it pertains to term and course registration.

---

## 9.7 Failure Policy

Please refer to *University Regulations and Resources > Graduate > Regulations > : Failure Policy* for information regarding the policy and procedures to follow in cases of failure.

---

## 9.8 Guideline on Hours of Work

In order to maintain full-time status, a graduate student should not work more than 180 hours per term over 15 weeks with 12 hours per week.

---

# 10 Research Policy and Guidelines, Patents, Postdocs, Associates, Trainees

Students must inform themselves of University rules and regulations and keep abreast of any changes that may occur. The *Research Policy and Guidelines, Patents, Postdocs, Associates, Trainees* section of this publication contains important details required by students during their studies at McGill and should be periodically consulted, along with other sections and related publications.

---

## 10.1 Policy on Research Ethics

Please refer to the Policy on Research Ethics available at [www.mcgill.ca/secretariat/policies/research](http://www.mcgill.ca/secretariat/policies/research).

---

## 10.2 Regulations on Research Policy

Please refer to the Regulations on Research Policy available at [www.mcgill.ca/secretariat/policies/research](http://www.mcgill.ca/secretariat/policies/research).

---

## 10.3 Policy on Research Integrity

Please refer to the Policy on Research Integrity available at: [www.mcgill.ca/research/about/integrity](http://www.mcgill.ca/research/about/integrity).

---

## 10.4 Guidelines for Research Involving Human Subjects

Please refer to the guidelines for research involving human subjects available at: [www.mcgill.ca/research/researchers/compliance/human](http://www.mcgill.ca/research/researchers/compliance/human).



---

**10.5 Guidelines for Research with Animal Subjects**

Please refer to the guidelines for research involving animal subjects available at: [www.mcgill.ca/research/researchers/compliance/animal](http://www.mcgill.ca/research/researchers/compliance/animal).

---

**10.6 Policy on Intellectual Property**

Please refer to the Policy on Intellectual Property available at: [www.mcgill.ca/research/researchers/ip](http://www.mcgill.ca/research/researchers/ip).

---

**10.7 Regulations Governing Conflicts of Interest**

Please refer to the regulations governing conflicts of interest available at [www.mcgill.ca/secretariat/policies/conflictinterest](http://www.mcgill.ca/secretariat/policies/conflictinterest).

---

**10.8 Safety in Field Work**

Please refer to the policies on safety in field work available at [www.mcgill.ca/ehs/fieldworksafety](http://www.mcgill.ca/ehs/fieldworksafety).

---

**10.9 Office of Sponsored Research**

Please refer to the Office of Sponsored Research, available at: [www.mcgill.ca/research/researchers](http://www.mcgill.ca/research/researchers).

---

**10.10 Postdocs**

Please see [www.mcgill.ca/gps/postdocs](http://www.mcgill.ca/gps/postdocs).

---

**10.11 Research Associates**

A Research Associate is a senior career researcher who usually works independently, in most cases has a Ph.D. or equivalent, and is often supported directly by outside granting agencies. ([www.mcgill.ca/apo/classifications/other/research-associate](http://www.mcgill.ca/apo/classifications/other/research-associate))

---

**11 Academic Programs**

The programs and courses in the following sections have been approved for the 2011-2012 session as listed, but the Faculty reserves the right to introduce changes as may be deemed necessary or desirable.

---

**11.1 Environment****11.1.1 Location**

McGill School of Environment  
Downtown Campus  
3534 University Street  
Montreal, QC H3A 2A7  
Canada  
Telephone: 514-398-2827  
Fax: 514-398-1643

Macdonald Campus  
 Rowles House  
 21,111 Lakeshore Road  
 Sainte-Anne-de-Bellevue, QC H9X 3V9  
 Canada  
 Telephone: 514-398-7559  
 Fax: 514-398-7846

Coordinator - C. Zhu  
 Telephone: 514-398-2827  
 Fax: 514-398-1643  
 Email: [grad.mse@mcgill.ca](mailto:grad.mse@mcgill.ca)  
 Website: [www.mcgill.ca/mse](http://www.mcgill.ca/mse)

### 11.1.2 About Environment

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

#### Program List

The Environment Option is currently available with the following graduate programs:

##### Anthropology

M.A., see : *Master of Arts (M.A.); Anthropology (Thesis) - Environment (48 credits)*

##### Atmospheric and Oceanic Sciences

M.Sc., see : *Master of Science (M.Sc.); Atmospheric and Oceanic Sciences (Thesis) — Environment (45 credits)*

##### Biology

M.Sc., see : *Master of Science (M.Sc.); Biology (Thesis) — Environment (48 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Biology — Environment*

##### Bioresource Engineering

M.Sc., see : *Master of Science (M.Sc.); Bioresource Engineering (Thesis) — Environment (46 credits)*

M.Sc. (Applied), see : *Master of Science, Applied (M.Sc.A.); Bioresource Engineering (Non-Thesis) — Environment (45 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Bioresource Engineering — Environment*

##### Earth and Planetary Sciences

M.Sc., see : *Master of Science (M.Sc.); Earth and Planetary Sciences (Thesis) — Environment (48 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Earth and Planetary Sciences — Environment*

**Entomology**

M.Sc., see : *Master of Science (M.Sc.); Entomology (Thesis) — Environment (46 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Entomology — Environment*

**Epidemiology**

M.Sc., see : *Master of Science (M.Sc.); of Public Health (Non-Thesis) — Environment (52 credits)*

**Geography**

M.A., see : *Master of Arts (M.A.); Geography (Thesis) — Environment (45 credits)*

M.Sc., see : *Master of Science (M.Sc.); Geography (Thesis) — Environment (45 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Geography — Environment*

**Law**

LL.M., see : *Master of Laws (LL.M.); Law (Thesis); Environment (45 credits)*

LL.M. (Non-Thesis), see : *Master of Laws (LL.M.); Law (Non-Thesis); Environment (45 credits)*

**Medicine, Experimental**

M.Sc., see : *Master of Science (M.Sc.); Experimental Medicine (Thesis) — Environment (45 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Experimental Medicine — Environment*

**Microbiology**

M.Sc., see : *Master of Science (M.Sc.); Microbiology (Thesis) — Environment (46 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Microbiology — Environment*

**Parasitology**

M.Sc., see : *Master of Science (M.Sc.); Parasitology (Thesis) — Environment (46 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Parasitology — Environment*

**Philosophy**

Ph.D., see : *Doctor of Philosophy (Ph.D.); Philosophy — Environment*

**Plant Science**

M.Sc., see : *Master of Science (M.Sc.); Plant Science (Thesis) — Environment (48 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Plant Science — Environment*

**Renewable Resources**

M.Sc., see : *Master of Science (M.Sc.); Renewable Resources (Thesis) — Environment (46 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Renewable Resources — Environment*

**Sociology**

M.A., see : *Master of Arts (M.A.); Sociology (Thesis) — Environment (48 credits)*

Ph.D., see : *Doctor of Philosophy (Ph.D.); Sociology — Environment*

### 11.1.3 Environment Admission Requirements and Application Procedures

#### 11.1.3.1 Admission Requirements

Candidates must apply **separately** to the McGill School of Environment (MSE) for the Graduate Environment Option. Their acceptability will be based on their academic experience and performance, and availability of a potential MSE-accredited supervisor or co-supervisor for their proposed research. For further information, please consult the following website: [www.mcgill.ca/mse/programs/envroption](http://www.mcgill.ca/mse/programs/envroption).

#### 11.1.3.2 Application Procedures

Applications will be considered upon receipt of:

1. option application form;
2. current CV;
3. unofficial transcripts;
4. two (2) signed reference letters; and
5. signed Option supervisory form (a supervisor or co-supervisor must be MSE-affiliated. Please visit the following website for listing: [www.mcgill.ca/mse/programs/envroption#FACULTY](http://www.mcgill.ca/mse/programs/envroption#FACULTY)).

All application documents are to be submitted directly to:

McGill School of Environment  
3534 University Street  
Montreal, QC H3A 2A7  
Canada  
Email: [grad.mse@mcgill.ca](mailto:grad.mse@mcgill.ca)  
Website: [www.mcgill.ca/mse/programs/envroption](http://www.mcgill.ca/mse/programs/envroption)

### 11.1.4 Environment Faculty

#### Director

Marilyn Scott

#### Professors

P.G. Brown; B.A.(Haver.), M.A., Ph.D.(Col.) (*joint appt. with Geography and Natural Resource Sciences*)

C. Chapman; B.Sc., M.A., Ph.D.(Alta.) (*joint appt. with Anthropology*)

M. Scott; B.Sc.(New Br.), Ph.D.(McG.) (*joint appt. with Institute of Parasitology*)

#### Associate Professors

M. Badami; B.Tech., M.S.(IIT), M.E.Des.(Calg.), Ph.D.(Br. Col.) (*joint appt. with School of Urban Planning*)

S. De Blois; B.Sc.(Agr.)(McG.), M.Sc., Ph.D.(Montr.) (*joint appt. with Plant Science*)

J. Ellis; B.A.(Calg.), LL.B., B.C.L.(McG.), LL.M.(Br. Col.) (*joint appt. with Law*)

F. Fabry; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Atmospheric and Oceanic Sciences*)

B. Leung; B.Sc.(Br. Col.), Ph.D.(Car.) (*joint appt. with Biology*)

G. Mikkelson, Gregory; B.A.(Trinity), M.S., Ph.D.(Chic.) (*joint appt. with Philosophy*)

A. Ricciardi; B.Sc.(Agr.), M.Sc., Ph.D.(McG.) (*joint appt. with Redpath Museum*)

R. Sengupta; B.Sc.(Bom.), M.Sc.(IIT), Ph.D.(S. Illinois) (*joint appt. with Geography*)

R. Sieber; B.Sc.(Mich. St.), M.P.A.(W. Mich.), Ph.D.(Rutg.) (*joint appt. with Geography*)

#### Assistant Professors

E. Bennett; B.A.(Oberlin), M.Sc., Ph.D.(Wisc.) (*joint appt. with Natural Resource Sciences*)

I. Hirose; B.A., M.A.(Waseda), Ph.D.(St. And.) (*joint appt. with Philosophy*)

N. Kosoy; B.Sc.(Univ. Simon Bolivar, Venezuela), M.Sc.(Kent), M.Sc., Ph.D.(Univ. Autonoma de Barcelona, Spain) (*joint appt. with Natural Resource Sciences*)

**Assistant Professors**

J. Rhemtulla; B.Sc.(McG.), M.Sc.(Alta.), Ph.D.(Wisc.-Madison) (*joint appt. with Geography*)

I. Vaccaro; B.A.(Barcelona), D.E.A.(Paris), M.A., Ph.D.(Wash.) (*joint appt. with Anthropology*)

**Faculty Lecturers**

G. McCourt; B.Sc., M.Sc.(Alta.), M.Sc.(McG.)

J. Marshall; B.A.(McG.), M.A.(Tor.), Ph.D.(McG.)

K. Roulet; B.Sc.(Trent), M.Sc.(Guelph)

**Associate Members**

*Agricultural Economics*: P. Thomassin

*Animal Science*: S. Kimmins

*Anthropology*: J. Galaty

*Atmospheric and Oceanic Sciences*: P. Ariya

*Biology*: L. Chapman, A. Gonzalez, M. Lechowicz, M. Loreau, C. Potvin

*Bioresource Engineering*: J. Adamowski, S. Barrington, G. Clark, M. Lefsrud, C. Madramootoo

*Brace Centre*: C. Madramootoo

*Chemical Engineering*: N. Tufenkji, V. Yargeau

*Civil Engineering and Applied Mechanics*: S. Gaskin, M. Hatzopoulou, V.T.V. Nguyen, J. Nicell

*Earth and Planetary Sciences*: J. Paquette

*Economics*: R. Cairns, C. Green, T. Naylor

*Electrical and Computer Engineering*: G. Joos

*Epidemiology*: M. Goldberg

*Geography*: G. Chmura, O. Coomes, T. Meredith, T. Moore, W.H. Pollard, N. Ramankutty, N. Roulet, I. Strachan

*History*: D. Studnicki-Gizbert

*Law, Faculty of*: J. Glenn, R. Janda

*Management, Faculty of*: D. Etzion, S. Maguire, V. Verter

*Natural Resource Sciences*: C. Buddle, B. Côté, J.W. Fyles, W. Hendershot, G. Hickey, I. Strachan, J. Whalen

*Parasitology, Institute of*: M. Scott

*Pathology*: B. Case

*Philosophy*: P. Buckley

*Plant Science*: C. Begg, P. Dutilleul, D. Smith, M. Waterway

*Political Science*: P. Oxhorn

*Redpath Museum*: D.M. Green, C. Seizilles de Mazancourt

*School of Urban Planning*: N. Luka

