



McGill School of Environment (Graduate)

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

This publication provides guidance to prospects, applicants, students 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/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 [Mines and Class Schedule](https://banweb.mcgill.ca/pban1/bwckschd.p_disp_dyn_sched) link at 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, strike, work stoppages, labour disputes, insurrection, the operation of war 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 0C8
Canada

All contents copyright © 2012 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 re

10	Information on Research Policies and Guidelines for Postdocs, Associates, Trainees	page30
11	Academic Programs	page30
11.1	Environment	page30
11.1.1	Location	page30
11.1.2	About Environment	page31
11.1.3	Environment Admission Requirements and Application Procedures	page33
11.1.3.1	Admission Requirements	page33
11.1.3.2	Application Procedures	page33
11.1.3.3		

1 Dean's Welcome

To Graduate Students and Postdoctoral Fellows

I am extremely pleased to welcome you to McGill University. Our world-class scholarly community includes over 250 doctoral and master's degree programs, and is recognized for excellence across the full range of academic disciplines and professions. Graduate and Postdoctoral Studies (GPS) collaborates with the Faculties and other administrative and academic units to provide strategic leadership and vision for graduate teaching and research across the University. GPS also oversees the admission and registration of graduate students, disburse graduate fellowships, supporting postdoctoral fellows, and facilitating the graduation process, including the examination of theses. GPS has partnered with Enrolment Services to provide streamlined services in a one-stop location at [Service Point](#).

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

McGill is ranked as one of Canada's most interesting 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 who bring their talents and passion 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

Administrative Officers

Martin Kreiswirth; B.A.(Hamilton), M.A.(Chic.), Ph.D.(Pr.)	Associate Provost (Graduate Education) and Dean (Graduate and Postdoctoral Studies)
Shari Baum; B.A.(Cornell), M.Sc.(Armont), Ph.D.(Brown)	Associate Dean (Graduate and Postdoctoral Studies)
Laura Nilson; B.A.(Colgate), Ph.D.(Yale)	Associate Dean (Graduate and Postdoctoral Studies)
Lisa deMenais; B.A.(Yale), Ph.D.(MIT)	Associate Dean (Graduate and Postdoctoral Studies)
Charlotte E. Légaré; B.Sc.(Mont), M.Sc.(She), M.B.A.(McG.)	Senior Adviser to the Associate Provost / Dean (Graduate and Postdoctoral Studies)(on leave)
Lissa B. Matyas; B.A., M.Sc.(C'ordia)	Director (Graduate and Postdoctoral Studies)

2.2 Location

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

Telephone: 514-398-3990

Fax: 514-398-6283

Email: servicepoint@mcgill.ca

Web: www.mcgill.ca/gps also on



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

2.3 General Statement Concerning Higher Degrees

Graduate and Postdoctoral Studies (GRS) oversees all programs leading to graduate diplomas, certificates, and higher degrees with the exception of some programs in the School of Continuing Studies. It is responsible for admission policies, the supervision of graduate students for recommending to Senate those who may receive the degrees, diplomas, and certificates.

3 Important Dates 2012 2013

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

4 Graduate Studies at a Glance

4.1 Graduate and Postdoctoral Degrees Offered by Faculty

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

Faculty of Agricultural and Environmental Sciences	Degrees Available
: Agricultural Economics	M.Sc.
: Animal Science	M.Sc., M.Sc.A., Ph.D.
: Bioresource Engineering	M.Sc., M.Sc.A., Ph.D., Graduate Certificate
: Biotechnology	M.Sc.A., Graduate Certificate
: Dietetics and Human Nutrition	M.Sc., M.Sc.A., Ph.D., Graduate Diploma
: Food Science and Agricultural Chemistry	M.Sc., Ph.D.
: Natural Resource Sciences	M.Sc., Ph.D.
: Parasitology	M.Sc., Ph.D.
: Plant Science	M.Sc., M.Sc.A., Ph.D., Graduate Certificate
Faculty of Arts	Degrees Available
: Anthropology	M.A., Ph.D.
: Art History	M.A., Ph.D.
Classics see History and Classical Studies	N/A
: Communication Studies	M.A., Ph.D.
: EastAsian Studies	M.A., Ph.D.
: Economics	M.A., Ph.D.
: English	M.A., Ph.D.
: French Language and Lit	M.A., Ph.D.

410 1 RG /FG /F2 8.1 Tf 1 0 0 1 70.52 125.92 Tj 1 0 0 1 glis 70.52 125.92 Tc.1 Tf 1 0 0 1 rg0arN /FG5j 1 0 0 rg0arN

Faculty of Medicine	Degrees Available
: Communication Sciences and Disorders	M.Sc., M.Sc.A., Ph.D.
: Epidemiology and Biostatistics	M.Sc., Ph.D., Graduate Diploma
: Human Genetics	M.Sc., Ph.D.
: Medical Physics	M.Sc.
: Medicine Experimental	M.Sc., Ph.D., Graduate Diploma
: Medicine Family (Option)	N/A
: Microbiology and Immunology	M.Sc., Ph.D.
: Neuroscience (Integrated Program in)	M.Sc., Ph.D.
: Occupational Health	M.Sc.A., Ph.D.
: Otolaryngology Head and Neck Surgery	M.Sc.
: Pathology	M.Sc., Ph.D.
: Pharmacology and Therapeutics	M.Sc., Ph.D.
: Physiology	M.Sc., Ph.D.
: Psychiatry	M.Sc.
: Surgery, Experimental (Division of Surgical Research)	M.Sc., Ph.D., Graduate Diploma
Degrees Available: 587 M.Sc., 67.52 M.Sc.A., 735.307 Ph.D., 31 M. in) Graduate Diploma	

Degree		Prerequisites
Master of Arts	M.A.	Bachelor of Arts in the subject selected for graduate work. See appropriate unit.
Master of Architecture	M.Arch.	Professional degree McGill B.Sc.(Arch.) degree, or equivalent. Post-professional degree an M.Arch. (professional degree) or equivalent professional degree.
Master of Business Administration	M.B.A.	An undergraduate degree from an approved university. See M.B.A. Program
Master of Business Administration with integrated Bachelor of Civil Law / Bachelor of Laws	M.B.A. with B.C.L./LL.B.	See: M.B.A. Program
Master of Business Administration with Doctor of Medicine / Master of Surgery	M.B.A. with M.D.,C.M.	See: M.B.A. Program
Master of Education	M.Ed.	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. An acceptable degree in Law or equivalent qualifications. See Law Admission Requirements and Application 379.028 48Tm (v)Tj 1 0 0 1 425.269 54.isst 0 1 532.79

Program	Thesis/Non-Thesis	Options
Professional	Non-Thesis	Design Studio, Design Studio Directed Research
Post-professional	Non-Thesis	Architectural History and Theory Cultural Mediations and Technology Urban Design and Housing

Master of Arts (M.A.)

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

Program Areas	Thesis/Non-Thesis	Options
Anthropology	Thesis, Non-Thesis	Development Studies, Environment, Gender and Women's Studies (Thesis)
Art History	Non-Thesis	Gender and Women's Studies (Non-Thesis)
Classics	Thesis, Non-Thesis	N/A
Communication Studies	Thesis, Non-Thesis	Gender and Women's Studies (Thesis)
Counselling Psychology	Non-Thesis (Professional Internship), Non-Thesis (Project)	N/A
EastAsian Studies	Thesis Ad Hoc	N/A
Economics	Thesis, Non-Thesis	Development Studies, Social Statistics (Non-Thesis)
Educational Psychology	Thesis	N/A
Education and Society	Thesis, Non-Thesis	Gender and Women's Studies (Thesis) Gender and Women's Studies, Jewish Education (Non-Thesis)
Educational Leadership	Thesis, Non-Thesis (Coursework), Non-Thesis (Project)	Gender and Women's Studies (Thesis) Gender and Women's Studies (Non-Thesis (Project))
English	Thesis, Non-Thesis	N/A
French	Thesis, Non-Thesis	Gender and Women's Studies (Thesis)
Geography	Thesis	Development Studies, Environment, Gender and Women's Studies, Neotropical Environment, Social Statistics (Thesis)
German	Thesis, Non-Thesis	N/A
Hispanic Studies	Thesis, Non-Thesis	N/A
History	Thesis, Non-Thesis	Development Studies, European Studies, Gender and Women's Studies (Thesis) Development Studies, European Studies, Gender and Women's Studies (Non-Thesis)
History of Medicine	Non-Thesis	N/A
Islamic Studies	Thesis	Gender and Women's Studies (Thesis)
Italian	Thesis, Non-Thesis	N/A
Jewish Studies	Thesis, Non-Thesis	N/A
Kinesiology and Physical Education	Thesis, Non-Thesis	N/A
Linguistics	Non-Thesis	N/A
Mathematics and Statistics	Thesis, Non-Thesis	N/A
MedicalAnthropology	Thesis	N/A
Music Music Education	Thesis, Non-Thesis	N/A
Music Music Technology	Thesis, Non-Thesis	N/A
Music Musicology	Thesis, Non-Thesis	Gender and Women's Studies (Thesis)
Music Theory	Thesis, Non-Thesis	Gender and Women's Studies (Thesis)
Philosophy	Thesis	Bioethics

Program Areas	Thesis/Non-Thesis	Options
Political Science	Thesis, Non-Thesis	Development Studies, European Studies (Thesis) Development Studies, European Studies, Gender and Women's Studies, Social Statistics (Non-Thesis)
Psychology	Thesis	N/A Bioethics, Gender and

Program	Thesis/Non-Thesis	Options
Law	Thesis, Non-Thesis	Bioethics, European Studies (Thesis) Air and Space Law, Environment, Comparative Law (Thesis and Non-Thesis)

Master of Library and Information Studies (M.L.I.S.)

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

Program	Thesis/Non-Thesis	Options
Information Studies	Non-Thesis	N/A

Master of Music (M.Mus.)

Program	Thesis/Non-Thesis	Options
Music Composition	Non-Thesis	N/A
Performance	Thesis	Vocal Pedagogy, Jazz Performance, Early Music, Orchestral Instruments and Guitar, Collaborative Piano, Piano, Opera and Voice, Organ and Church Music, Conducting
Sound Recording	Non-Thesis	N/A

Master of Sacred Theology (S.Th.M.)

A program leading to the degree of Sanctæ Theologiae Magister (S.Th.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 a Master of Arts program (thesis and non-thesis) is also available.

Program	Thesis/Non-Thesis	Options
Religious Studies	Non-Thesis	N/A

Master of Science (M.Sc.)

Program Areas	Thesis/Non-Thesis	Options
Agricultural Economics	Thesis	N/A
Animal Science	Thesis	N/A
Atmospheric and Oceanic Science	Thesis	Environment (Thesis)
Biochemistry	Thesis	Bioinformatics, Chemical Biology (Thesis)
Biology	Thesis	Bioinformatics, Environment, Neotropical Environment
Bioresource Engineering	Thesis, Non-Thesis	Environment, Neotropical Environment (Thesis) Integrated Water Resource Management (Non-Thesis)
Biostatistics	Thesis, Non-Thesis	N/A
Cell Biology	Thesis	N/A
Chemistry	Thesis	Chemical Biology
Civil Engineering	Thesis	N/A
Communication Sciences and Disorders	Thesis	N/A
Computer Science	Thesis, Non-Thesis	Bioinformatics, Computational Science, Engineering (Thesis)
Dental Science	Thesis, Non-Thesis	Oral and Maxillofacial Surgery (Thesis)
Earth and Planetary Sciences	Thesis	Environment
Entomology	Thesis	Environment, Neotropical Environment
Epidemiology	Thesis	N/A
Experimental Medicine	Thesis	Bioethics, Environment, Family Medicine Sur

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

Offer

Program	Options	Offered by Faculty/School
Islamic Studies	Gender and Women's Studies	Faculty of Arts
Linguistics	Language Acquisition	Faculty of Arts Desautels F

The following master's programs have a minimum residence requirement of one full-time term



Note: The master's degree must have been awarded before initial registration in the doctoral program; otherwise, the admission will be at Ph.D. 1 and residency will be extended to three years. Once the offer of admission is approved, it will not be changed after obtaining the master's degree if the date is after registration in the program. If a previously 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 courses 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. 1. The results of this examination determine whether or not students will be permitted to continue in their programs.

See www.mcgill.ca/gadapplicants/apply/prepare/requirements/international-grade-equivalency for information on grade equivalencies and degree requirements from countries in Europe and around the world. These equivalencies and requirements are provided for information only and are subject to change without notice.

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

Revision, October 2012. End of revision.

6.3 Application Procedures (for All Admissions Starting Summer 2013)

Revision, October 2012. Start of revision.

Application Checklist

All supplemental application materials and supporting documents must be uploaded directly to the McGill admissions processing system. See www.mcgill.ca/gadapplicants/apply/submitting-your-documents for information and instructions.

1. Online Application for Admission form: www.mcgill.ca/gadapplicants/apply#ady
2. Application fee

6.4 Admission Tests

Revision, October 2012. Start of revision.

Graduate Record Examination (GRE)

The Graduate Record Examination (GRE) (Educational Testing Service, Princeton, NJ 08540) consists of a ~~very~~ advanced test in the candidates specialty and a general test of their attainments ~~in~~ basic elds of knowledge for which no special preparation is required or recommended. It is offered at many centres, including Montreal, se

6.6 Admission to a Qualifying Program

Some applicants whose academic grades and Standing entitle them to serious consideration for admission to graduate studies may be considered inadequately prepared in the subject selected and may be admitted to a Qualifying Program for a Master's degree-level courses to be taken in a Qualifying Program will be prescribed by the department concerned.

Qualifying students are registered in graduate studies, 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 program must apply for admission by the Dates for Guaranteed Consideration. Successful completion of 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 are qualifying.

In cases where a department recommends a change of status from Qualifying Program (Q) 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 second term as his/her second term of studies.

Students who are ineligible for a Qualifying Program may apply to the appropriate under

6.11 Deferral of Admission

Under exceptional circumstances, an admission for a particular semester can be considered for a deferral. A deferral 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 0G4
Telephone: 514-398-3990
Fax: 514-398-2626
Website: www.mcgill.ca/gps/students/funding/students-postdocs

The Fellowships and Awards section of Graduate and Postdoctoral Studies provides processing services for numerous resources of support for Canadian and non-Canadian students, both while at McGill and continuing. Further information on these and other sources of funding can be found in publications on the Fellowships and Awards web page. 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 awards 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 fin@furth.orf

- ii. Each academic unit hosting Postdocs should clearly identify Postdoc 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, of office space, and research funding before recruiting Postdocs.
 - iv. Some examples of responsibilities of the department are:
 - to verify the Postdoc eligibility period for registration;
 - to provide Postdocs with departmental policies 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 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 fees, for research, and for student conduct as outlined in the Handbook on Student Rights and Responsibilities, the Graduate and Postdoctoral Studies University Regulations and Resouces
 - to submit a complete file for registration to Enrolment Services;
 - 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 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 leave may have their funding reduced accordingly.

Council of FGS April 23, 1999

8.4 Leave of Absence for Health and Parental/Familial Reasons

A leave of absence may be granted for maternity or parental reasons or for health reasons. See [Programs, Courses and University Regulations > University Regulations and Resouces > Graduate > 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 requesting such a leave in writing to their department and submit a medical certificate. The department shall forward the request to Enrolment Services. See procedure under [Programs, Courses and University Regulations > University Regulations and Resouces > Graduate > 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 obliged to remunerate students and Postdocs on leave. GPS has prepared a summary table of 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/students/progress/leave-vacation 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 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.

11.1.2 About Environment

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

A number of academic departments and institutes at McGill promote graduate research and training on environmental topics and the faculty members whose main research interests are 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 their 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 in

Associate Professors

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

Assistant Professors