

Summer Studies



McGill

UNIVERSITY
CALENDAR

2009



About This Calendar

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McGill University
688 Sherbrooke Street West, Suite 1029
Montreal, Quebec, Canada
H3A 3R1

and:

Enrolment Services
McGill University
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Montreal, Quebec, Canada
H3A 2T5

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Not all courses are offered every year, and changes can be made after this Calendar is published. Please check the Summer Studies website at www.mcgill.ca/summer for the most up-to-date information.

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.

Note: "you" refers to students newly admitted, readmitted or returning to McGill.

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Editor

Lai Yard Lee
Enrolment Services

Cover Design

Content and Collaboration Solutions

How to Reach Us

GENERAL INFORMATION

McGill Summer Studies
688 Sherbrooke Street West, Suite 1029 (corner of University Street)
Montreal, QC, CANADA H3A 3R1
Telephone: 514-398-5212
Fax: 514-398-5224
Email: summer.studies@mcgill.ca
Web: www.mcgill.ca/summer

Office Hours: Monday - Friday: 09:00 - 17:00

TO INQUIRE ABOUT THE STATUS OF YOUR APPLICATION TO SUMMER STUDIES:

Faculties of Arts, Education, Music, Religious Studies, Science:

Enrolment Services

James Administration Building, Room 205

845 Sherbrooke Street West,

Montreal, QC, CANADA H3A 2T5

Telephone: 514-398-4474

Fax: 514-398-8301

Email: registration@mcgill.ca

Web: www.mcgill.ca/minerva-students

Office Hours: Monday - Thursday: 09:00 - 17:00, Friday: 10:00 - 17:00

Faculty of Agricultural & Environmental Sciences:

Macdonald Campus - Student Affairs Office

Laird Hall, Room 106

21,111 Lakeshore Road

Sainte-Anne-de-Bellevue, QC, CANADA H9X 3V9

Telephone: 514-398-7928

Fax: 514-398-7968

Email: studentinfo.macdonald@mcgill.ca

Web: www.mcgill.ca/macdonald

Office hours and directions to the Student Affairs Office can be found at www.mcgill.ca/macdonald/studentinfo/sao.

FOR ACADEMIC INQUIRIES ABOUT A SPECIFIC SUMMER COURSE:

For academic information (prerequisites, placement test, departmental approval, etc.) regarding a specific course, please contact the Department or unit offering the course. The name of the Department or unit can be found under the course title and a list of contacts is available in [section 5 "Departmental Contact Information"](#).

N.B. Offices will be closed and there will be no classes on May 18, June 24 and July 1, 2009.

MINERVA HELPLINE

514-398-4474

Key Dates, Summer 2009

These dates are to be used as a general guideline. Please check Minerva for the precise dates of your course.

Agricultural & Environmental Sciences, Arts, Education, Engineering, Music, Religious Studies and Science			
Day Courses			
Registration opens for:	May section	June Section	July Section
<ul style="list-style-type: none"> U3 and U4 McGill students (including U3 and U4 readmitted students) U2 and U1 McGill students (including U2 and U1 readmitted students) and all Special and Visiting Students 	Thursday, March 5 Tuesday, March 10	Thursday, March 5 Tuesday, March 10	Thursday, March 5 Tuesday, March 10
1st day of classes and last day to register without penalty	Friday, May 1 Monday, May 4	Thursday, June 4	Wednesday, July 8
Last day to add/drop a course (with refund)*	4th SCHEDULED CLASS *The add/drop deadline might differ for intensive courses; please consult the course description for details.		
Last day to withdraw from a course (no refund)**	8th SCHEDULED CLASS **The withdrawal deadline might differ for intensive courses; please consult the course description for details.		
Statutory Holidays (no classes)	Monday, May 18	Wednesday, June 24 Wednesday, July 1	
EXAMINATIONS			
3-credit courses	Tuesday, June 2 Wednesday, June 3	Tuesday, July 7	Thursday, August 6
6-credit courses	Tuesday, July 7	Thursday, August 6	

Management		
Day and Evening Courses		
Registration opens for:	May section	July Section
<ul style="list-style-type: none"> Management courses restricted to McGill U3 and U4 students in B.Com.; Minors in Management, Technical Entrepreneurship, Construction Engineering and Management; B.A. Joint Honours Economics and Finance; B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics. Certain courses are restricted to only B.Com. students. Management courses restricted to McGill students in B.Com.; Minors in Management, Technical Entrepreneurship, Construction Engineering and Management; B.A. Joint Honours Economics and Finance; B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics. Certain courses are restricted to only B.Com. students. Management courses open to all McGill students and Special and Visiting students. 	Thursday, March 5 Tuesday, March 10 Thursday, March 12	Thursday, March 5 Tuesday, March 10 Thursday, March 12
1st day of classes and last day to register without penalty	Monday, May 4 Tuesday, May 5	Thursday, July 2 Monday, July 6
Last day to add/drop course (with refund)*	4th SCHEDULED CLASS *The add/drop deadline might differ for intensive courses; please consult the course description for details.	
Last day to withdraw from a course (no refund)**	8th SCHEDULED CLASS **The withdrawal deadline might differ for intensive courses; please consult the course description for details.	
Statutory Holidays (no classes)	Monday, May 18	Wednesday, June 24 Wednesday, July 1
Last day of classes	Tuesday, June 16 Wednesday, June 17	Thursday, August 13 Monday, August 17
EXAMINATIONS		
	Thursday, June 18 Monday, June 22	Tuesday, August 18 Wednesday, August 19

NOTE:

1. Examination: The examination schedule will be posted online at www.mcgill.ca/student-records/exam and on the Summer Studies website www.mcgill.ca/summer/credit/exams after the start of the course. Please consult either one of these sites to verify details of the date, time and place at which your examination will be held.

2. Registration: You may register at any time between the date when registration opens and the first day of class. Late registration for all courses starts the day after the first day of classes, and runs until the day of the fourth scheduled class (lab or lecture). A late registration fee (non-refundable) of \$50 will be charged, payable at the time of registration.

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1 The University

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1.1 History

The Hon. James McGill, a leading merchant and prominent citizen of Montreal, who died in 1813, bequeathed an estate of 46 acres called Burnside Place together with £10,000 to the "Royal Institution for the Advancement of Learning" upon condition that the latter erect "upon the said tract or parcel of land, an University or College, for the purpose of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

At the time of James McGill's death, the Royal Institution, although authorized by law in 1801, had not been created, but was duly instituted in 1819. In 1821 it obtained a Royal Charter for a university to be called McGill College. Further delay was occasioned by litigation, and the Burnside estate was not acquired until March 1829. The Montreal Medical Institution, which had begun medical lectures at the Montreal General Hospital in 1822, was accepted by the College as its Faculty of Medicine in June 1829. After further litigation, the College received the financial endowment in 1835 and the Arts Building and Dawson Hall were erected. The Faculty of Arts opened its doors in 1843.

Progress, however, was slow until the 1821 Charter was amended in 1852 to constitute the members of the Royal Institution as the Governors of McGill College. Since that time the two bodies have been one. It was first called "The University of McGill College" but in 1885 the Governors adopted the name "McGill University." Even after the amended charter was granted, little advance was made until 1855 when William Dawson was appointed Principal. When he retired 38 years later, McGill had over 1,000 students and Molson Hall (at the west end of the Arts Building), the Redpath Museum, the Redpath Library, the Macdonald Buildings for Engineering and Physics, and a fine suite of medical buildings had been erected.

Since then the University has continued to grow vigorously. In 1884 the first women students were admitted and in 1899 the Royal Victoria College was opened, a gift of Lord Strathcona, to provide separate teaching and residential facilities for women students. Gradually, however, classes for men and women were merged.

In 1905 Sir William Macdonald established Macdonald College at Sainte-Anne-de-Bellevue, as a residential college for Agriculture, Household Science, and the School for Teachers. Those components have since become the Faculty of Agricultural and Environmental Sciences, which includes the School of Dietetics and Human Nutrition, on the Macdonald Campus, and the Faculty of Education, located on the downtown campus. The University's general development has been greatly facilitated by the generosity of many benefactors, and particularly by the support of its graduates, as regular public funding for general and capital expenditures did not become available until the early 1950s. Since that time government grants have become a major factor in the University's financial operations, but it still relies on private

support and private donors in its pursuit of excellence in teaching and research.

The University now comprises 11 faculties and 10 schools. At present over 32,000 students are taking credit courses; one in four is registered in Graduate Studies.

The University is also active in providing courses and programs to the community through the Centre for Continuing Education.

1.2 Incorporated and Affiliated Colleges

INCORPORATED COLLEGE

Royal Victoria College

3425 University Street, Montreal, QC H3A 2A8

The Royal Victoria College, a non-teaching college of McGill University, provides residential accommodation for women students.

AFFILIATED THEOLOGICAL COLLEGES

Montreal Diocesan Theological College

3473 University Street, Montreal, QC H3A 2A8

Principal: J. M. Simons; B.A.(Bishop's), S.T.B.(Trinity, Toronto), Ph.D.(Georgetown)

Presbyterian College of Montreal

3495 University Street, Montreal, QC H3A 2A8

Principal: J. Vissers; B.A.(Tor.), M.Div.(Knox, Toronto), Th.M.(Princeton), Th.D.(Knox, Toronto)

United Theological College of Montreal

3521 University Street, Montreal, QC H3A 2A9

Principal: P. Joudrey; B.A., M.Div.(Acadia), D.Min.(Andover Newton)

The above three colleges train students for the ministry and grant certificates for ordination but they have remitted their degree-granting powers, except with respect to the M.Div. and honorary doctorates, to the University.

1.3 University Government

McGill University is a corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor General as Visitor.

The Governors of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec. In them is vested the management of finances, the appointment of professors, and other duties. Twelve of the governors are elected by the Board from amongst those nominated by its membership committee; three are elected by the Alumni Association; two are elected by Senate from amongst its members; two elected by the full-time administrative and support staff from amongst its members; two elected by the full-time academic staff; and two elected by students from amongst the student body. The Board elects the Chancellor of the University and also, from amongst its members, a chair to preside at its meetings, who may also be the Chancellor. The Chancellor and the Principal are ex officio members.

The Chancellor is presiding officer of Convocation and of joint sessions of the Board of Governors and the Senate.

The Chair of the Board of Governors is President of the Royal Institution for the Advancement of Learning.

The Principal and Vice-Chancellor is the chief executive officer of the University, appointed by the Board of Governors after consultation with a Statutory Committee to Nominate a Principal. The Principal is, ex officio, Chair of Senate.

The Senate is the highest academic authority of the University and has control over admission, courses of study, discipline, and degrees. The regulations of Senate are executed by the various faculties and schools, which also carry primary responsibility for the educational work of the University.

1.4 Recognition of Degrees

The Royal Institution for the Advancement of Learning (McGill University) is a publicly funded institution and holds a Royal Charter dated 1821 (amended in 1852) as well as being incorporated under the laws of the Province of Quebec.

McGill University was a founding member of the organization which evolved into the current Association of Universities and Colleges of Canada (A.U.C.C.) in which it remains very active. In addition, McGill University is a member of the American Association of Universities (A.A.U.). It is also a member of the Association of Commonwealth Universities and the International Association of Universities. Its undergraduate, professional and graduate degrees, including doctorates in a full range of disciplines, have been recognized by educational, government and private organizations worldwide for decades.

All of McGill's degree programs are approved by the Quebec Ministère de l'Éducation, du Loisir et du Sport (MELS) and the Conférence des recteurs et des principaux des universités du Québec (CREPUQ).

1.5 Governance

1.5.1 Board of Governors

(As of January 2009)

VISITOR

The Governor General of Canada

Her Excellency The Right Honourable Michaëlle Jean

BOARD OF GOVERNORS

Robert Rabinovitch; B.Com.(McG.), M.A., Ph.D.(Penn.)
Chair of the Board of Governors

Richard W. Pound; O.C., O.Q., Q.C., C.A., B.Com.(McG.),
B.A.(Sir G.Wms.), B.C.L.(McG.)
Chancellor

Heather Munroe-Blum; O.C., B.A., B.S.W.(McM.), M.S.W.(W.
Laur.), Ph.D.(N. Carolina)
Principal and Vice-Chancellor

Members

Roshi Chadha
Stuart (Kip) Cobbett; B.A., B.C.L.(McG.)
Lili de Grandpré; B.A.(Western), M.B.A.(McG.)
Darren Entwistle; B.Econ.(C'dia), M.B.A.(McG.)
Kathy Fazel; B.Com.(McG.)
Morna Flood Conesidine; B.A.(C'dia), M.Ed., D.Ed.(McG.)
Trevor Garland; B.Sc.(McG.)
Kohur GowriSankaran; B.A., M.A.(Madr.), Ph.D.(Bombay)
Daniel Guitton; Dipl. IVK(U. Libre de Brux.), B.Eng., M.Eng.,
Ph.D.Eng., Ph.D.Physiol.(McG.)
David N. Harpp; A.B.(Middlebury), M.A.(Wesl.), Ph.D.(N. Carolina)
Eric Maldoff; B.A., B.C.L., LL.B.(McG.)
Michael Meighen; B.A.(McG.)
Jan Peeters; B.Eng.(McG.)
Gary Pekeles; B.Sc.(McG.), M.Sc.(McG.), MDCM(Baylor)
Michael Richards; B.A., B.C.L.(McG.)
Gerald Sheff; B.Arch.(McG.), M.B.A.(Harv.)
Thierry Vandal; B.Eng., M.B.A.(Montr.)
Ann Vroom; B.A.(McG.)
Allan Youster

Student Representatives

Students' Society of McGill (1)
Post-Graduate Students' Society of McGill (1)
Observers
McGill Association of Continuing Education Students (1)
Macdonald Campus Students' Society (1)

1.5.2 Members of Senate

Ex-officio

The Chancellor
The Chair of the Board of Governors
The Principal and Vice-Chancellor
The Provost, Deputy Provost, and the vice-principals
The deans of faculties
The Dean of Continuing Education
The Dean of Graduate and Postdoctoral Studies
The Dean of Students
The Director of Libraries

Elected Members

63 members elected by the faculties, the University Libraries, the Board of Governors, and administrative and support staff.
Medical Residents or Postdoctoral Scholars Group (1)
Student Members (19)

1.6 Administration

Heather Munroe-Blum; O.C., B.A., B.S.W.(McM.), M.S.W.(W.
Laur.), Ph.D.(N. Carolina)

Principal and Vice-Chancellor

Anthony C. Masi; A.B.(Colgate), Ph.D.(Brown) **Provost**

Morton J. Mendelson; B.Sc.(McG.), Ph.D.(Harv.)
Deputy Provost (Student Life and Learning)

Kathleen Massey; B.A.(York)
University Registrar and Executive Director of Enrolment Services

Jana Luker; B.A.(Guelph), B.Ed., M.Ed.(Tor.)
Executive Director of Services for Students

William F. Foster; LL.B.(Auck.), LL.M. (Br.Col.)
Associate Provost (Policies and Procedures)

Jan Jorgensen; B.A., M.A.(N. Carolina), Ph.D.(McG.)
Associate Provost (Academic Staff and Faculty Affairs)

Martin Kreiswirth; B.A.(Hamilton), M.A.(Chic.), Ph.D.(Tor.)
Associate Provost (Graduate Education) and Dean (Graduate and Postdoctoral Studies)

Chandra Madramootoo; B.Sc., M.Sc., Ph.D.(McG.)
Associate Vice-Principal (Macdonald Campus) and Dean (Faculty of Agricultural and Environmental Sciences)

Sylvia Franke; LL.B., B.Sc.(Tor.) **Chief Information Officer**

Johanne Pelletier; B.A., M.A.(McG.) **Secretary-General**

François R. Roy; B.A., M.B.A.(Tor.)
Vice-Principal (Administration and Finance)

Lynne B. Gervais; B.A.(C'dia)
Associate Vice-Principal (Human Resources)

Jim Nicell; B.A.Sc., M.A.Sc., Ph.D.(Windsor), P.Eng.
Associate Vice-Principal (University Services)

Marc Weinstein; B.A., B.C.L., LL.B.(McG.)
Assistant Vice-Principal (Development and Alumni Relations) and Director (University Campaigns)

Richard I. Levin; B.S.(Yale), M.D.(NYU)
Vice-Principal (Health Affairs) and Dean (Faculty of Medicine)

Sam Benaroya; B.Sc., M.D., C.M.(McG.) **Associate Vice-Principal (Inter-Hospital Affairs)**

Denis Thérien; B.Sc.(Montr.), M.Sc., Ph.D.(Wat.)
Vice-Principal (Research and International Relations)

Rima Rozen; B.Sc., Ph.D.(McG.)
Associate Vice-Principal (Research and International Relations)

Alain Dudoit; B.A.(Académie de Caen), B.A., B.Sc., LL.L.,
M.Sc.(Montr.) **Associate Vice-Principal (Strategic
Innovation Partnerships)**

Vaughan Dowie **Executive Head of Public Affairs**

1.6.1 Deans, Directors of Schools and Libraries

Deans

Chandra Madramootoo; B.Sc., M.Sc., Ph.D.(McG.)
Agricultural and Environmental Sciences

Christopher Manfredi; B.A., M.A.(Calg.), M.A., Ph.D.(Claremont)
Arts

Judith Potter; B.Sc.(Tor.), M.Ad.Ed.(St. FX), Ed.D.(Tor.)
Continuing Education

Paul J. Allison; B.D.S., F.D.S.R.C.S., M.Sc.(Lond.), Ph.D.(McG.)
Dentistry

Hélène Perrault; B.Sc.(C'dia), M.Sc., Ph.D.(Montr.) **Education**

Christophe Pierre; M.Sc.(Prin.), Ph.D.(Duke) **Engineering**

Martin Kreiswirth; B.A.(Hamilton), M.A.(Chic.), Ph.D.(Tor.)
Graduate and Postdoctoral Studies

Nicholas Kasirer; B.A.(Tor.), B.C.L., LL.B.(McG.), D.E.A.(Paris)
Law

Peter Todd; B.Com.(McG.), Ph.D.(Br.Col.) **Management**

Richard I. Levin; B.Sc.(Yale), M.D.(NYU) **Medicine**

Donald McLean; Mus.Bac., M.A., Ph.D.(Tor.) **Music**

Ellen Aitken; A.B.(Harv.), M.Div.(U. of the South), Th.D.(Harv.)
Religious Studies

Martin Grant; B.Sc.(PEI), M.Sc., Ph.D.(Tor.) **Science**

Jane Everett; M.A.(Car.), Ph.D.(McG.) **Dean of Students**

Directors of Schools and Libraries

Michael Jemtrud; B.Sc., B.Arch., B.A.(Penn. St.), M.Arch.(McG.)
Architecture

Shari R. Baum; B.A.(C'nell), M.S.(Vt.), M.A., Ph.D.(Brown)
Communication Sciences and Disorders

Gregory Dudek; B.Sc.(Qu.), M.Sc., Ph.D.(Tor.)
Computer Science

Kristine G. Koski; B.Sc., M.Sc.(Wash.), Ph.D.(Calif.)
Dietetics and Human Nutrition

Marilyn Scott; B.Sc.(New Br.), Ph.D.(McG.) **Environment**

France Bouthillier; B.Ed.(UQAM), M.S.Bl.(Montr.), Ph.D.(Tor.)
Information Studies

Hélène Ezer; B.Sc., M.Sc.(McG.), Ph.D.(Montr.) **Nursing**

Maureen J. Simmonds; B.Sc., M.Sc.(P.T.), Ph.D.(Alta.) **Physical
and Occupational Therapy**

Wendy Thomson; B.S.W., M.S.W.(McG.), Ph.D.(Brist.)
Social Work

David Brown; B.A.(Bishop's), M.U.P.(McG.), Ph.D.(Sheffield)
Urban Planning

Janine Schmidt; B.A.(Qld.), M.Lib.(N.S.W.) **Libraries**

1.7 Student Governance

All students registered in an undergraduate program on the downtown (McGill) campus are registered members of the accredited Students' Society of McGill University, affectionately known as SSMU (Sm OOO). SSMU acts as your representation on key issues inside and outside of the campus. There are six elected executives of the SSMU who represent all 18,000 plus students on the downtown campus. There is a legislative council which meets twice a month that is comprised of a councillor from all faculty associations. This council of thirty-five members meets to discuss SSMU business.

The SSMU runs over 150 clubs and fourteen services and provides a great deal of extra curricular opportunities for students to balance a life of study with a life of play and also an opportunity to meet other students. The organization also provides event programming like freshman orientation (Frosh) and a winter open air pub (SnowAP). Each faculty and each department also have organizations dedicated to providing extra curricular involvement for their students.

Situated on the downtown campus, the SSMU operates a five-floor building including an international lounge, cafeteria, reading room, club office space and a campus multipurpose venue.

The SSMU offices are located at 3600 McTavish Street, suite 1200 and operate between the hours of 9:00 a.m. to 5:00 p.m. during the year and 10:00 a.m. to 4:00 p.m. in the summer.

For more information regarding student government at McGill you can contact:

President: pres@ssmu.mcgill.ca

Vice President Clubs and Services: cs@ssmu.mcgill.ca

Vice President Internal Affairs: internal@ssmu.mcgill.ca

Vice President External Affairs: external@ssmu.mcgill.ca

Vice President Finance and Operations: operations@ssmu.mcgill.ca

Vice President University Affairs: ua@ssmu.mcgill.ca

Or visit the website at www.ssmu.ca.

Welcome to McGill and we look forward to representing your interests.

2 Calendar of Dates, Summer 2009

FACULTY LEGENDS	
MGMT Management	→ Read Activity column for details

ACTIVITY CODE LEGENDS			
EXAMS Examinations	LEC Lecture		
HOLIDAY Holiday	NOTE Note to students		
INFO Information	REG Registration		

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
March 2009			
Mar. 5, 2009, Thurs.	REG	→	Summer Term registration opens for Undergraduate students in their U3/U4 year and Continuing Education returning students.
	NOTE	MGMT	Access to Management courses is restricted to McGill U3 and U4 students in B.Com.; Minors in Management, Technical Entrepreneurship, Construction Engineering and Management; B.A. Joint Honours Economics and Finance, B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics. Certain courses are restricted to B.Com. students only.
Mar. 10, 2009, Tues.	REG	→	Summer Term registration opens for all Undergraduate students and Continuing Education newly-admitted and Special Students.
	NOTE	MGMT	Access to Management courses is restricted to McGill students in B.Com.; Minors in Management, Technical Entrepreneurship, Construction Engineering and Management; B.A. Joint Honours Economics and Finance, B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics. Certain courses are restricted to B.Com. students only.
Mar. 12, 2009, Thurs.	REG	→	Summer Undergraduate Management courses open to all McGill students and Special and Visiting Students.
May 2009			
May 1, 2009, Fri.	LEC	→	First day of classes and last day to register without penalty in May section Summer courses. For Management courses, see below.
May 4, 2009, Mon.	LEC	MGMT	First day of classes and last day to register without penalty in May section Summer courses in Management offered on Mondays and Wednesdays.
May 5, 2009, Tues.	LEC	MGMT	First day of classes and last day to register without penalty in May section Summer courses in Management offered on Tuesdays and Thursdays.
May 18, 2009, Mon.	HOLIDAY	→	VICTORIA DAY. (Classes cancelled). Administrative offices closed.
June 2009			
June 2, 2009, Tues. & June 3, 2009, Wed.	EXAMS	→	Final examination date for May section 3-credit undergraduate courses in the Faculties of Arts, Engineering, Music, Religious Studies and Science. For Management courses, see exam dates below. The date, time and place for each exam will be posted on the Summer Studies website at www.mcgill.ca/summer and at www.mcgill.ca/student-records/exam/schedules .
June 4, 2009, Thurs.	LEC	→	First day of classes and last day to register without penalty in June section Summer courses (except Management courses).
June 16, 2009, Tues. & June 17, 2009, Wed.	LEC	MGMT	Last day of classes for May section Management courses.
June 18, 2009, Thurs. & June 22, 2009, Mon.	EXAMS	MGMT	Final examination dates for May section Management courses. The date, time and place for each exam will be posted at www.mcgill.ca/student-records/exam/schedules .
June 24, 2009, Wed.	HOLIDAY	→	LA FÊTE NATIONALE DU QUÉBEC. (Classes cancelled). Administrative offices closed. Libraries closed.

CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
July 2009			
July 1, 2009, Wed.	HOLIDAY	—→	CANADA DAY. (Classes cancelled). Administrative offices closed. Libraries closed.
July 2, 2009, Thurs.	LEC	MGMT	First day of classes and last day to register without penalty in July section Summer courses in Management offered on Tuesdays and Thursdays.
July 6, 2009, Mon.	LEC	MGMT	First day of classes and last day to register without penalty in July section Summer courses in Management offered on Mondays and Wednesdays.
July 7, 2009, Tues.	EXAMS	—→	Final examination date for June section 3-credit undergraduate courses and May/June section 6-credit courses in the Faculties of Arts, Engineering, Music, Religious Studies and Science. The date, time and place for each exam will be posted on the Summer Studies website at www.mcgill.ca/summer and at www.mcgill.ca/student-records/exam/schedules .
July 8, 2009, Wed.	LEC	—→	First day of classes and last day to register without penalty in July section Summer courses. For Management courses, see above.
August 2009			
Aug. 6, 2009, Thurs.	EXAMS	—→	Final examination date for July section 3-credit undergraduate courses in the Faculties of Arts, Engineering, Music, Religious Studies and Science. For Management courses, see exam dates below. The date, time and place for each exam will be posted on the Summer Studies website at www.mcgill.ca/summer and at www.mcgill.ca/student-records/exam/schedules .
Aug. 13, 2009, Thurs. & Aug. 17, 2009, Mon.	LEC	MGMT	Last day of classes for July section Management courses.
Aug. 15, 2009, Sat.	INFO	—→	Last day for students to request fee exemptions and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Enrolment Services Office for the Summer 2009 term. Students in Continuing Education should submit their documents directly to the Centre for Continuing Education. Documents received after this date will be updated for the following term only.
Aug. 18, 2009, Tues. & Aug. 19, 2009, Wed.	EXAMS	MGMT	Final examination date for July section Management courses. The date, time and place for each exam will be posted at www.mcgill.ca/student-records/exam/schedules .

3 General University Information and Regulations

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3.1 General Policies and Information

3.1.1 Authorization, Acknowledgement and Consent

When applying for admission to the University, you are bound by and agree to observe all statutes, rules, regulations, and policies at McGill University and the faculty or faculties to which you may be accepted and registered in, including policies contained in the University Calendars and related fee documents. Your obligation as a student begins with your registration and ends in accordance with the University's statutes, rules, regulations, and policies.

You should verify all information or statements provided with your application. Incorrect or false information may jeopardize your admission. The University reserves the right to revoke an admission that is granted based on incorrect or false information in an application or supporting documents.

3.1.2 Student Rights and Responsibilities

The *Handbook on Student Rights and Responsibilities* is published jointly by the Office of the Dean of Students and the University Secretariat. It contains regulations and policies governing your rights and responsibilities as a student at McGill. You will receive it when you get your student ID card at the ID Centre (Downtown and Macdonald Campuses).

The Handbook is also available at www.mcgill.ca/deanofstudents/rights.

3.1.3 Language Policy

The main language of instruction at McGill is English. You have the right to write essays, examinations, and theses in English or in French except in courses where knowledge of a language is one of the objectives of the course.

3.1.4 Policy Concerning Access to Records

The University sends statements of account and all other correspondence directly to students. You retain full control over who has access to your records or accounts; however, officers and members of the University staff also have access to relevant parts of your records for recognized and legitimate use. The University does not send progress reports or any other information to your parents and/or sponsors unless you specifically request it in writing.

In accordance with Quebec's Act Respecting Access to Documents held by Public Bodies and the Protection of Personal Information (the "Access Act"), personal information, including transcripts of academic records, may be released only with the student's authorization. When you apply to McGill, you authorize the University to release certain personal information (name, address, telephone number, email address, date of birth, program and student status) to specific persons and bodies.

The following persons and bodies are included in your information release authorization:

- Libraries of other Quebec universities with which McGill has reciprocal borrowing agreements (ID number and bar code may also be disclosed to those libraries).
- Ministère de l'Immigration et des Communautés culturelles* and/or the *Régie de l'assurance-maladie du Québec* and the *Ministère de l'Éducation, du Loisir et du Sport* (MELS).
- The appropriate authorities involved with the external or internal funding of your student fees (financial records may also be disclosed to those authorities).
- The Association of Universities and Colleges of Canada.
- The Association of Registrars of Universities and Colleges of Canada and the *Conférence des recteurs et des principaux des universités du Québec*, or the member institutions of these organizations, for the purpose of admissions operations and the production of statistics.
- The school(s) or college(s) that you attended.

- Students and alumni who have volunteered to speak with admitted students.
- Student Associations recognized by McGill University for the student category(ies) to which you belong.
 - The McGill Alumni Association.
 - Professional bodies or corporations (e.g., engineers, dentists).
- McGill Network and Communications Services for the purposes of listing your McGill email address in an online email directory.

If you do not want to authorize the University to disclose personal information to the organizations mentioned above in h, i, j and k, you must complete and submit an Opposition Form, available at Enrolment Services.

3.1.5 Email Communication

All students are assigned a McGill Email Address (usually in the form of `firstname.lastname@mail.mcgill.ca`) and are given a McGill email mailbox. You can view your McGill Email Address and set your McGill Password on Minerva, under the *Personal Menu*.

Email sent to your McGill Email Address is an official means of communication between McGill University and its students. As with all official University communications, it is your responsibility to ensure you read and act upon University emails in a timely fashion. If you choose to forward University email to another email mailbox, it is your responsibility to ensure that the alternate email mailbox is valid.

You should read the *Code of Conduct for Users of McGill Computing Facilities* and the *Email Communications with Students* policy found under Information Technology on the University Secretariat website at www.mcgill.ca/secretariat/policies/informationtechnology. For more information on email for students, refer to www.mcgill.ca/it and see section 3.11 "For your Information Technology (IT) needs".

3.1.6 Academic Integrity

When submitting work in your courses, you must understand the meaning and consequences of plagiarism and cheating, which are extremely serious academic offences. If you have any doubt as to what might be considered plagiarism when you are preparing an essay or term paper, you should consult the course instructor to obtain appropriate guidelines. You should also consult the student guide to the meaning of plagiarism on the Academic Integrity website at www.mcgill.ca/integrity, where you will find links to instructional tutorials and strategies to prevent cheating. The *Code of Student Conduct and Disciplinary Procedures* includes sections on plagiarism and cheating. You can find the Code in the *Handbook on Student Rights and Responsibilities*, available through the Academic Integrity website or at www.mcgill.ca/deanofstudents/rights.

The possession or use of unauthorized materials in any test or examination constitutes cheating. Responses on multiple-choice exams are normally checked by the Exam Security Computer Monitoring program. The program detects pairs of students with unusually similar answer patterns on multiple-choice exams. Data generated by this program can be used as admissible evidence in an investigation of a possible violation under Section 16 of the *Code of Student Conduct and Disciplinary Procedures*.

The Office of the Dean of Students administers the academic integrity process as described in the *Handbook on Student Rights and Responsibilities*.

3.1.7 Proper Use of Computing Facilities

You must comply with the *Code of Conduct for Users of McGill Computing Facilities* as approved by the University Senate. You can find the Code in the *Handbook on Student Rights and Responsibilities*.

This Code (or policy) is also posted in the University Secretariat listing of *University Policies, Procedures and Guidelines* under Information Technology, at www.mcgill.ca/secretariat/policies/informationtechnology.

3.1.8 Non-smoking Policy

Quebec law prohibits smoking in public buildings.

3.1.9 Health Insurance – International Students

By Senate regulation, all international students (full-time, part-time, half-time, additional session, special, exchange and visiting) and their accompanying dependants who do not have Canadian citizenship or Permanent Resident status must participate in the University's compulsory sickness and accident plan. For enrolment procedures and details on the health insurance plan, consult the International Student Services website. For information concerning rates, see www.mcgill.ca/internationalstudents/health/faq/#3.

All inquiries related to this University policy must be directed to International Student Services.

International Health Insurance

Telephone: 514-398-6012

Email: international.health@mcgill.ca

Website: www.mcgill.ca/internationalstudents/health

3.1.10 Health Insurance – Canadian Residents

If you are a Canadian student from outside Quebec, you should check with your provincial medicare office to ensure that you have valid health coverage while studying at McGill.

If you are a Canadian student who has been living abroad, you may not be eligible for provincial health insurance coverage. To ensure adequate health insurance coverage, you may enrol in the group plan offered through International Student Services. Please note that this option is available only during the first month of your first semester at McGill.

All undergraduate students who pay tuition fees at either the Canadian or Quebec rates and who are members of the Students' Society of McGill University (SSMU) or the Macdonald Campus Students' Society (MCSS) are automatically covered by the Students' Society's Health and Dental Plans. For details on fees, change of coverage dates and on what is covered by the plans, please refer to www.aseq.com. If you're not sure of your eligibility, please contact the *Alliance pour la santé étudiante au Québec* (ASEQ) at 514-789-8775.

3.1.11 Special Medical Needs

If you have special medical needs, have your physician submit appropriate information, on a confidential basis, directly to the Student Health Service; see section 3.8.2 "Student Services – Downtown Campus" for contact information on the Downtown Campus and see section 3.8.3 "Student Services – Macdonald Campus" for Macdonald Campus contact information.

3.1.12 Minerva

Minerva is McGill's web-based information system serving students, staff and faculty. To access Minerva, go to www.mcgill.ca/minerva and click the Login icon. Once logged in to Minerva, you can:

- View class schedules, including course descriptions and spaces available in course sections.
- Register and make course changes.
- View your unofficial transcript and degree evaluation reports.
- View your Permanent Code, citizenship and Quebec residency status and fee information.
- Update personal information such as address, telephone number and emergency contacts.
- Apply to graduate.
- View graduation status and convocation details.
- View your McGill login information to access the Internet and email.

- Order official transcripts.
- Retrieve tax receipts.
- Submit an online course evaluation.
- Apply to McGill and view your application status.

In addition, students in some faculties can use Minerva to change their major or minor programs, and to apply for an Exchange program.

3.1.13 myMcGill

McGill's web portal, *myMcGill*, gives students and staff a personalized interface to the University's information systems.

myMcGill offers an integrated web experience with a single sign-on (SSO) to several McGill web systems. This allows you to access multiple McGill systems without being prompted for additional logins. To log into *myMcGill*, click the *myMcGill* tab at the top-right corner of the McGill homepage (www.mcgill.ca) or go to <http://my.mcgill.ca>.

3.2 Personal Information

3.2.1 Updating Personal Information

It is important to keep your official records up to date, especially your mailing or billing address, because these are used by the University year round. If your address information on file is invalid, incomplete or missing, the University will hold your mail. Once you have provided a valid address, the University will resume sending your mail.

You must update your address(es) and/or telephone number(s) and emergency contact information on Minerva under the *Personal Menu*.

If you are away from campus and do not have access to the Internet, you can request changes by writing to your student affairs office or to Enrolment Services. Your written request must include your signature.

If you need to change important personal information that requires the University to verify official documents, such as a change to your name or citizenship, or correction of your birth date, you must go in person (as soon as possible) to Enrolment Services, James Administration Building, Room 205. Macdonald Campus students can request changes in person at the Student Affairs Office, Laird Hall, Room 106.

3.2.2 Legal Documents

3.2.2.1 Why Does McGill Collect Legal Documents from You?

Tuition fees at McGill vary depending on whether you have provided us with proof that you are a Quebec student, a Canadian out-of-province student, or an international student, as per section 3.2.2.2, "What Documents Does McGill Need from You?".

Some of the documents McGill requests from you help us obtain your **Permanent Code** from the Government of Quebec. This unique 12-character code, is issued by the Quebec *Ministère de l'Éducation, du Loisir et du Sport* (MELS), and is obligatory for all students registered in a Quebec institution.

If you have previously attended school in Quebec, you already possess a Permanent Code - you can find it on your school report card or your CEGEP or university transcript. After you have accepted the University's offer of admission, you can check on Minerva (under the *Personal Menu*) to see if McGill has received your Permanent Code.

You can consult your tuition and legal status (including your Permanent Code) on Minerva. Select *Student Menu > Student Accounts Menu > View your Tuition and Legal Status*.

3.2.2.2 What Documents Does McGill Need from You?

Follow the instructions in the **first** row of this table that apply to you. **Send clear, legible copies of documents (not originals).**

Quebec and Canadian-Out-Of-Province Students

You have applied to McGill directly from CEGEP or you already have a student record at McGill	<ul style="list-style-type: none"> Usually no documents are required for your Canadian and/or Quebec status, as per McGill's records or as confirmed by the Quebec <i>Ministère de l'Éducation, du Loisir et du Sport</i> (MELS)
You have applied to McGill from another Quebec university	<ul style="list-style-type: none"> Canadian birth certificate; or Canadian citizenship card (both sides); or Certificate of Indian status card; or Makivik Society card; or Record of Permanent Resident status (note 3) For your Quebec residency status, usually no documents are required, unless McGill cannot confirm this from the Quebec <i>Ministère de l'Éducation, du Loisir et du Sport</i> (MELS)
You were born in Quebec	<ul style="list-style-type: none"> Quebec birth certificate (note 1 and 5) Permanent Code Data Form (note 2 and 6)
You were born (or became a Landed Immigrant) in a Canadian province other than Quebec	<ul style="list-style-type: none"> Canadian birth certificate; or Canadian citizenship card (both sides); or Certificate of Indian status card; or Makivik Society card; or Record of Permanent Resident status (note 3) Permanent Code Data Form (note 2 and 6)
You are a Quebec resident through one of the other situations outlined by the Quebec <i>Ministère de l'Éducation, du Loisir et du Sport</i> (MELS)	<ul style="list-style-type: none"> Canadian birth certificate; or Canadian citizenship card (both sides); or Certificate of Indian status card; or Makivik Society card; or Record of Permanent Resident status (note 3) Permanent Code Data Form (note 2 and 6) Attestation of Residency in Quebec Form (note 6) Other supporting documents, depending on which situation you checked on the above Attestation of Residency Form

International Students

You will be in Canada for less than 6 months (i.e. for only one academic semester)	<ul style="list-style-type: none"> Visitors Permit issued by Citizenship and Immigration Canada at your port of entry into Canada Photo page of your passport and the page stamped by Citizenship and Immigration Canada at your port of entry Permanent Code Data Form (note 2 and 6)
You will be in Canada for more than 6 months (i.e. for two or more consecutive academic semesters)	<ul style="list-style-type: none"> Certificate of Acceptance of Quebec (CAQ) Permanent Code Data Form (note 2 and 6) Study Permit issued by Immigration Canada (note 4)

Note 1: You may alternatively provide your Quebec baptismal certificate if it was issued **prior to January 1, 1994**, and clearly shows where you were born and that your baptism in Quebec occurred no more than four months after your date of birth.

Note 2: Your signed Permanent Code Data Form is usually required. If the names of your parents appear on your birth certificate, or if you have already provided McGill with your Permanent Code, you do not need to supply this form.

Note 3: Your Canadian Permanent Resident status can be proved by a copy of your Immigration Canada IMM 5292 document together with your Canadian Permanent Resident card (copy of both sides required). Alternatively, you may provide your IMM 1000 document along with your Permanent Resident card (copy of both sides required).

Note 4: If you are a refugee, you should instead provide your Convention Refugee status document.

Note 5: Usually McGill needs your birth certificate to prove your place of birth in Quebec. If you already have a valid Quebec Permanent Code, but McGill is still charging you Canadian fees, McGill will accept as proof that you qualify for Quebec residency a copy of your Canadian passport that indicates your birth place as being within the province of Quebec.

Note 6: You can find links to download and print the Permanent Code Data and Attestation of Quebec Residency forms at www.mcgill.ca/legaldocuments/forms.

Fee Exemptions

Students in certain categories may be eligible to claim an exemption from the international rate of tuition fees according to the regulations set by the Quebec *Ministère de l'Éducation, du Loisir et du Sport* (MELS).

If you are eligible for one of the exemption categories you are assessed at the Quebec rate of tuition. You can find a list of categories and the required application form at www.mcgill.ca/student-records/fees/exemption and also at Enrolment Services. An exemption will not be granted unless you submit the application form along with your supporting documents to Enrolment Services.

3.2.2.3 Has McGill Received Your Documents?

Quebec/Canadian/International Fees

Once McGill has received your documents, it usually takes McGill one week to process them and update your file accordingly.

- Check your tuition status on the Minerva student accounts menu: *Student Menu > Student Accounts Menu > View your Tuition and Legal Status*.
- Check the phrase: *Fees currently calculated according to rules for...* This will tell you if you are assessed as: an international student, a Canadian student, or a Quebec student.
- Electronic billing is the official means of delivering fee statements to all students. The University has replaced printed paper bills with a convenient electronic billing system on Minerva, where you may view your e-bill. For more information, please see the following website: www.mcgill.ca/student-accounts/e-bill.

If you do not agree with your assessment, notify McGill right away. If you provide additional documentation in support of your file after the last day of classes for the given term, McGill cannot accept changes or offer you a lower tuition rate for that term.

Permanent Code

The Quebec *Ministère de l'Éducation, du Loisir et du Sport* (MELS) usually takes one to four weeks to verify or issue your Permanent Code.

Check your Permanent Code on Minerva: *Personal Menu > Name Change* or alternately via *Student Menu > Student Accounts Menu > View Tuition Fee and Legal Status*. If your 12-character Permanent Code appears there, your documents are in order. If not, you have not yet provided McGill with your documents listed above or the Quebec *Ministère de l'Éducation, du Loisir et du Sport* (MELS) has not yet confirmed that your documents are sufficient to create a Permanent Code.

3.2.2.4 What Are the Consequences of Not Providing Your Documents?

McGill must receive all proofs of citizenship, requests for Quebec residency, international fee exemptions, and immigration status

changes by the end of the last day of classes of a current term for them to take effect for that term. **All requests received after the last day of classes will be processed but your fees will only be lowered for the following term.**

McGill cannot issue you an ID card until all of your documents have been received. Your ID card is essential to use many services on campus, and to take your final exams.

If your Permanent Code is not issued by October 15 (Fall term) or February 15 (Winter term), a hold will be added to your record until McGill has received the necessary documents. This hold will prevent you from registering or dropping any courses and from obtaining your official transcript. If you are registered in one term or in a one-year program, the University may put a hold on your record earlier in the term.

If your tuition fees are reduced because of the document review process, McGill will waive the difference on any accumulated late payment or interest charges.

3.2.2.5 Where Do I Send my Documents?

You must send in all your documents after you have been accepted to McGill but before your classes begin. **Do not send originals.** Email, fax or mail clear and legible copies of your documents. Write your student ID on the documents so that McGill can match them to your record. The sooner you submit your documents, the sooner the University can update your status and ensure that your record is in order.

By Email:

Follow these steps to submit your legal documents electronically:

1. Save the attached file in an accepted format:

- Standard PDF (.pdf) - encrypted PDFs will not be accepted.
- Tagged image format (.tif, .tiff; for scans).

Ensure that you save your documents properly in one of the above formats - do not just rename the file extension. Due to the possibility of computer viruses, McGill does not accept Microsoft Word documents (.doc), hypertext files (.htm, .html), JPG, GIF, or any other format.

2. **Ensure that the resolution used is at least 300 dpi** (dots per inch) for an electronic replica (scan) of documentation (e.g., a scan of your birth certificate). The preferred file size is 100KB per image.

3. **Address your email to legaldocumentation@mcgill.ca and attach your relevant scanned document(s).** Attach the file(s) to your email; do not include the documents in the body of your email.

4. **Put your First Name, Last Name, and McGill ID number in the subject line of your email.**

Note: Individual email size (including your attachments) should not exceed 5 MB (5120 KB).

By Mail:

Enrolment Services
Documentation Centre
688 Sherbrooke Street West, Suite 1460
Montreal, QC H3A 3R1 CANADA

By Fax:

514-398-3227

In Person or by Courier:

Enrolment Services
James Administration Building, Room 205
845 Sherbrooke Street West
Montreal, QC H3A 2T5 CANADA

If there is a problem with your documents, contact:

Telephone: 514-398-4474

Email: admissions@mcgill.ca

3.2.3 Identification (ID) Cards

As a student registered at McGill you are required to present an ID card to write examinations, when using libraries and student services and certain laboratories, and to access many residences.

To receive your ID card, you must be a registered student, and you must present your Permanent Code information and proof of legal status in Canada (for a list of acceptable documents, [see section 3.2.2 "Legal Documents"](#).)

ID cards will not be issued if any of your legal documents are missing.

Note: You must allow at least three hours after you have registered before applying for your ID card.

Other notes:

- If you do not register for consecutive terms you should retain your ID card to avoid having to replace it when you re-register.
- If your card has expired there is no charge for a replacement as long as you hand in the ID card.
- If you change programs or faculties there is no charge as long as you hand in the ID card.
- If your card has been lost, stolen or damaged, there is a \$20 replacement fee.

The Student Identification Card is the property of the University, for use by the cardholder only and is not transferable. If you withdraw from all of your courses, you must attach your ID card to the withdrawal form or return it to Enrolment Services (or the Faculty of Agricultural and Environmental Sciences, Student Affairs Office, Macdonald Campus).

Students who need security access to labs or other facilities, [see www.mcgill.ca/security/services/access](http://www.mcgill.ca/security/services/access).

3.2.4 Legal Name

This is the name that will appear on your degree, diploma or certificate on graduation, and on your transcript. It is also used by the Quebec *Ministère de l'Éducation, du Loisir et du Sport* (MELS) to create a Permanent Code.

All students are registered under their legal name as it appears in one of the following documents:

1. Canadian birth certificate.
2. Canadian Immigration Record of Landing (IMM1000 or IMM5292 and Permanent Residence card, both sides).
3. Canadian Immigration Study or Work Permit document.
4. Certificate of Acceptance of Quebec (CAQ).
5. International passport (for Canadians, a Canadian citizenship card is required. Note that a Canadian passport is not acceptable).
6. Letter from international student's consulate or embassy in Canada.
7. Marriage certificate issued outside of Quebec (translated into English or French by a sworn officer if in another language). Note that Quebec marriage certificates are only acceptable if issued prior to 1984.

In the case of a variation in the spelling of the name among these documents, the University will use the name on the document that appears first on the above list.

3.2.5 Verification of Name

Verify the accuracy of your name on McGill's student records via Minerva. To do this, go to the *Personal Menu > Name Change Form*, where you can make minor corrections such as changing case (upper/lower), adding accents and spacing. However, you **cannot** change the name on your record via Minerva. Requests for such changes must be made by presenting official documents ([see section 3.2.4 "Legal Name"](#)) in person at Enrolment Services, James Administration Building, Room 205.

3.3 Registration

3.3.1 Student Types and Registration Procedures

All students, including McGill students, Quebec Inter-University Transfer students and Special and Visiting Students from universities outside Quebec, must register using Minerva, McGill's web-based registration system at www.mcgill.ca/minerva. Once you have determined your student type below, take note of the registration procedures in the corresponding column. Please note that students owing fees from previous terms will be denied access to register on Minerva.

STUDENT TYPES	REGISTRATION PROCEDURES
<p>A) A McGill student is:</p> <ul style="list-style-type: none"> One who is registered in the Winter term immediately preceding the Summer 2009 term in a McGill degree or diploma program; students who are graduating in June 2009, see instructions for D) Special students. One who has not registered or who withdrew in the Winter term and has received a letter of readmission from the Faculty office. 	<p>Please remember to:</p> <ul style="list-style-type: none"> Pay any outstanding fees on your student account; Verify the course and program requirements in the Undergraduate Programs Calendar; Consult your Faculty student affairs office for a list of summer courses that are acceptable for credit towards your degree. Other courses may be taken, but may not count towards your degree; Obtain authorization from the appropriate department, if required; Go to www.mcgill.ca/minerva-students/registration/steps and follow instructions on how to register. View your class schedule on Minerva to ensure you are correctly registered.
Graduate Students	Must register with the Graduate and Postdoctoral Studies Office (see www.mcgill.ca/gps)
Continuing Education Students	Must register with the Centre for Continuing Education (see www.mcgill.ca/conted)
Macdonald Campus Summer Session Students	Must register with the Faculty of Agriculture and Environmental Sciences (see www.mcgill.ca/macdonald)
<p>B) A Quebec Inter-University Transfer student is:</p> <ul style="list-style-type: none"> One who is currently registered at a Quebec university and wishes to transfer credits granted by McGill during the summer to that university. 	<p>Currently registered students at other Quebec universities should follow the steps below:</p> <ul style="list-style-type: none"> Initiate an online Inter-University Transfer (IUT) form to request the required authorizations. Complete the IUT form available online at www.crepuq.qc.ca and click on the indicated link and enter your application information. After the online Inter-University Transfer form is approved by your home university and McGill, you must register in the approved course(s) on Minerva. Go to www.mcgill.ca/minerva-students/registration/steps and follow instructions on how to register. View your class schedule on Minerva to ensure you are correctly registered. <p>Note: The online IUT form is only an approval process and does not signify that the student will be registered in the course.</p>
<p>C) A Visiting Student from a University Outside Quebec is:</p> <ul style="list-style-type: none"> One who is currently enrolled in a degree or diploma program at another university. (You may take summer courses at McGill for credit at your home university. After you have selected the courses that you would like to take for university credit, obtain written permission from the Registrar or other responsible authority at your home university. This letter of permission should state the course(s) and number of credits which may be taken and must accompany the documentation sent to McGill.) 	<p>Registration for Visiting Students from Universities outside Quebec and for all Special Students</p> <ul style="list-style-type: none"> Before registering for courses on Minerva you must have a McGill record. Please visit www.mcgill.ca/summer/credit/registration/visiting-special for instructions on how to proceed to registration. You must fill out an Application for Summer Studies for Summer 2009. This application form is available at www.mcgill.ca/summer/credit/registration/visiting-special for downloading. Note that you must provide your Permanent Code and supporting documents according to the regulations explained in section 3.2.2 "Legal Documents". Please read this section carefully before submitting your application. If you bring your application in person, you will be issued a McGill ID number and Personal Identification Number (PIN) to access Minerva, McGill's web-based information system. If you apply by mail, you will receive a letter of confirmation indicating your student number, and indicating that you should use Minerva to add your course(s). Processing of mailed-in application forms will begin in March. Some courses fill up rapidly so you are advised to send your Application for Summer Studies early.
<p>D) A Special Student is:</p> <ul style="list-style-type: none"> One who has received either a conditional or final letter of acceptance to a McGill undergraduate degree or diploma program. Anyone who is not currently enrolled in a degree or diploma program either at McGill or elsewhere. One who is graduating from McGill University in the month of June 2009. <p>Note: If you have received a final acceptance to a McGill undergraduate degree or diploma program for Fall 2009 and have confirmed your acceptance, please see the registration procedures for student type A).</p>	<p>Note: Students are responsible for all courses in which they are registered unless they formally drop these courses online using Minerva before the deadline date. It is not sufficient to notify the instructor or cease to attend lectures (see section "Key Dates, Summer 2009" in this Calendar for add/drop and withdrawal deadlines).</p>

3.3.2 Class Schedule

Class Schedule for the upcoming Fall and Winter terms normally becomes available in mid-March at www.mcgill.ca/courses. The Summer term schedule is normally published in January. Class Schedule includes the days and times when courses are offered, class locations, names of instructors, and related information. You can also access the Calendar entries of scheduled courses by clicking the CRN (course reference number) that appears with each course section shown in Class Schedule.

You should make a note of any preregistration requirements for a course, such as placement tests or departmental approval/permission required.

Class Schedule information is subject to change and is updated as courses are added, cancelled, rescheduled or relocated. It is your responsibility to consult Class Schedule at the time of registration, and again before classes begin, to ensure that changes have not caused conflicts in your schedule.

3.3.3 Course Load for McGill Students, Visiting Students from Universities outside Quebec, Special Students

The maximum number of credits these students may take in the summer session is 12 (twelve) (Management or Music students, 18 credits). Students are advised that, because the schedule of lectures in summer courses is very intensive, they may not register for more than one course, regardless of credit weight, (or more than two courses in Arts, Education, Engineering, Management and Science) in any one summer term without special permission. The exception to this rule is the group of Italian courses taken in Florence. Please contact Prof. E. Quaroni or Prof. V. Fonsato of the Italian Studies Department for more information. McGill students should obtain written permission from their faculty, Visiting Students from both their home university and the faculty in which they are registered, and Special Students from the faculty in which they are registered. Please note that two courses in one term is a very heavy load.

3.3.4 Course Load for Quebec Inter-University Transfer (IUT) Students

The maximum number of courses a visiting student may take in one summer term is 1 (one) regardless of credit weight. Permission to register for more than one course per term must be obtained from the McGill faculty in which the student is registering by using the CREPUQ electronic IUT site at www.crepuq.qc.ca.

3.3.5 Course Selection

Course descriptions can be found in this Calendar and on our website at www.mcgill.ca/courses. We encourage you to check our website in case new courses are added after the online publication of the Calendar. The Class Schedule includes the days and times when courses are offered, names of instructors, class location, and remarks and comments. Course descriptions as found in the Calendar are also accessible from Class Schedule for all courses being offered. This information is subject to change and is updated as courses are added, rescheduled, or relocated. It is the responsibility of all students to consult the Class Schedule on Minerva at the time of registration, and again before classes begin to ensure that changes have not resulted in conflicts in their schedule.

Students should pay close attention to the following on the Class Schedule and in the Calendar:

- Course restrictions: for example, permission of the instructor required; enrolment limited, or limited to students in a particular program or year;
- Course prerequisites, and/or co-requisites: it is against University regulations to register for a course for which you have not completed all the prerequisites with a C or better;
- Time at which each course section is given: do not register for course sections that have a time overlap; or

- Departmental approval required: specified in the course description; and
- Placement examination required: specified in the course description.

If you are currently a McGill student, please consult the Undergraduate Programs Calendar to check your course and program requirements and consult your faculty student affairs office for a list of summer courses that are admissible for credit towards your degree. Other courses may be taken but may not count towards your degree requirements.

3.3.6 Department Approval

In order to register for some courses, you must first obtain a Department Approval from the department offering the course (or, for Education courses, from the Student Affairs Office, Faculty of Education). Courses requiring Department Approval will be listed as such. A Department Approval gives you the RIGHT TO REGISTER but does not reserve a place in the course.

Since enrolment in these courses is on a first-come, first-served basis, you should register on Minerva as soon as you have your Department Approval.

3.3.7 Course Changes

ALL students must use the Minerva system to make any changes to their course selection. You can use Minerva to drop or add courses at any time up to and including the fourth scheduled day of classes. See the specific dates outlined in the section "[Key Dates, Summer 2009](#)" of this Calendar.

Inter-University Transfer students wishing to drop or withdraw from their course(s) should use Minerva; cancelling the course on CREPUQ is not sufficient.

Students wishing to seek permission to take a different course should reapply using the Inter-University Transfer agreement to be found at www.crepuq.qc.ca and, upon approval, register for the course using Minerva.

Every student is responsible for all courses in which he/she is enrolled unless he/she formally drops the courses online using Minerva before the deadline date. **It is not sufficient to notify the instructor or cease to attend lectures.** Please see [section 3.4 "Fees"](#) for information on refunds.

3.3.8 Course Drop and Withdrawal

You may DROP (with refund) a course on Minerva UP TO AND INCLUDING the fourth (4th) scheduled class, and WITHDRAW (without refund) from a course from the 5th to 8th scheduled class*. A withdrawal means that a grade of "W" will appear on your record and you will **not be eligible** for a fee refund. See the specific dates outlined in the section "[Key Dates, Summer 2009](#)" of this Calendar.

Students who do not attend classes and examinations and who do not formally withdraw will receive a grade of "J" on their transcripts. If, after the eighth day of class, illness or special circumstances force you to stop attending class, permission may be granted for an official withdrawal (without refund). In such cases students must apply in writing to the Associate Dean of the faculty in which they are registered. If permission is granted, a grade of "W" or "WF" will be assigned.

If the course is cancelled due to insufficient enrolment, fees are refunded in full. There are no refunds under any circumstance if you withdraw from a course after the fourth scheduled day of classes.

*Note: The add/drop and withdrawal deadlines may be different for intensive courses. Please consult the course description for details.

3.3.9 Your Responsibility

While departmental, faculty advisors and staff will provide advice and guidance, you have ultimate responsibility for:

- The completeness and correctness of your course selection and registration;
- Compliance with the completion of the course requirements;
- Observance of regulations and deadlines as outlined in the 2009 Summer Studies Calendar.

3.3.10 Quebec Inter-University Transfer Agreement (IUT)

The Quebec Inter-University Transfer (IUT) agreement permits concurrent registration at McGill and another Quebec institution.

3.3.10.1 McGill Students

Regular undergraduate and graduate degree, diploma or certificate students registered at McGill may register, with their faculty's permission, at any university in the province of Quebec for three, or in some cases six, **credits** per term in addition to their registration at McGill. These courses, subject to faculty regulations, will be recognized by McGill for the degree that you are registered for, up to the limit imposed by the residency requirements of the program. Normally, you must complete a minimum residency requirement of 60 credits at McGill in order to qualify for a McGill degree (you should check with your faculty). This privilege will be granted if there are valid academic reasons.

If you want to take advantage of this agreement, consult your student affairs office for details. Note that this agreement is subject to the following conditions:

- The other universities concerned may, at their discretion, refuse the registration of a student for any of their courses.
- You must complete your faculty and program requirements.
- You are responsible for ensuring that the McGill Class Schedule permits you to take these courses without conflict.
- The universities concerned are not responsible for special arrangements in cases of examination or class schedule conflicts.
- Marks earned at the host university will not appear on McGill transcripts or be included in McGill grade point averages.
- If you are attending McGill as an exchange student from outside Quebec, you are not eligible to take courses at another Quebec institution through the IUT agreement.
- You should be aware that late results received from host universities may delay your graduation.

If you are a scholarship holder, you should consult with your student affairs office and the scholarships coordinator concerning eligibility for continuation or renewal of your award(s).

You must initiate an online Quebec Inter-University Transfer (IUT) application to request the required authorizations at www.mcgill.ca/student-records/iut. You may find additional information posted at your faculty website.

Note: Once the Quebec Inter-University Transfer (IUT) application is approved by both the home and host universities, you must register in the same course for which you obtained electronic approval. The method of registration of the host university will vary (e.g., web, in-person, phone, etc.). **You must allow sufficient time to complete and submit your electronic application, because you are responsible for adhering to all the host university's registration deadlines.** If you decide later to drop or withdraw from the course(s) for which approval was granted, you will need to drop or withdraw from the course using the host university's registration method AND submit this change on the online Quebec Inter-University Transfer (IUT) application.

The host institution automatically submits grades for completed courses to McGill.

3.3.10.2 Visiting IUT Students

If you are a student at another Quebec university and you want to take courses at McGill using the Quebec Inter-University Transfer (IUT) agreement, you must initiate an online application to request the required authorizations at www.mcgill.ca/student-records/iut. You should also refer to your home university website for regulations on the number of credits allowed, as well as the policies for transferring the credits.

Note: Once the Quebec Inter-University Transfer (IUT) application is approved by both the home and host universities, you remain responsible for registering in the same course for which you have obtained electronic approval. At McGill, you have to register on Minerva (www.mcgill.ca/minerva). You will be informed via email of the necessary registration steps once your application has been approved. **You must allow sufficient time to complete and submit your electronic application, because you are responsible for adhering to all McGill's registration deadlines.** If you decide later to drop or withdraw from the course(s) for which approval was granted, you will need to drop or withdraw from the course on Minerva AND submit this change on the online Quebec Inter-University Transfer (IUT) application.

McGill automatically submits grades for completed courses to your home university.

3.3.11 Courses Taken under the Satisfactory/Unsatisfactory (S/U) Option

The principle of the Satisfactory/Unsatisfactory (S/U) option is to encourage you to take courses outside the area of your specialization with the view of enabling you to acquire knowledge and skills in a variety of fields.

Where permitted by faculty and program regulations, you may take one elective course per term to be graded under the Satisfactory/Unsatisfactory (S/U) option, to a maximum of 10% of your credits taken at McGill to fulfil the degree requirements.

If you decide to have an elective course graded as Satisfactory/Unsatisfactory (S/U), you must do so before the Course Change deadline on Minerva as part of the *Student Menu > Registration Menu > Quick Add or Drop Course Sections Menu*. **You cannot make any changes after the Course Change deadline even if you selected the option by mistake.** If the course is a multi-term course, you must select the S/U option by the Course Change deadline of the first part of the course.

The instructor will report grades in the normal fashion. Grades of A through C are converted to "Satisfactory" (S), and grades of D and F are converted to "Unsatisfactory" (U). The courses taken under the S/U option will be excluded from the grade point average calculations, but they will be included in the attempted credits total. Credits for courses with a final grade of S will also be included in the number of credits earned.

Notes:

1. **Desautels Faculty of Management:** The S/U option is not available on Minerva for Management students. Requests for the S/U option can only be made during the official add/drop period. Please contact the BCom Office for details on the conditions that apply.
2. **Faculty of Engineering:** If you select the S/U option for a core course and it is not removed by the Course Change deadline, the student affairs office will remove the option and notify you of the change.
3. **Schulich School of Music:** The S/U option is only applicable to non-music electives.
4. To be considered for in-course awards, including Dean's Honour List designations, and/or the renewal of entrance scholarships, you must complete at least 27 graded credits in the regular academic session, not including courses completed under the S/U option.
5. The S/U option is not available via Minerva to Visiting, Exchange or Quebec Inter-University Transfer Agreement (IUT) students. These students must first contact their home university to ensure that a course taken under the S/U option is acceptable to their home university and that the credits are transferable. They must then consult their host faculty student affairs office for approval.
6. Special Students are not eligible to select the S/U option.

For further information, contact your departmental adviser or student affairs office, as appropriate.

3.3.12 International Students

International Students may refer to McGill's International Student Services (ISS) office for helpful information regarding immigration procedures and services available. ISS also administers the University's Health Insurance Plan for International Students. International Students must ensure that they have adequate hospitalization and medical coverage during their stay at McGill.

You may enrol in the University's International Student Health Insurance Plan for the term(s) for which you are registered. As the University and Immigration Québec require International Student Services to have a copy on file of proof of health insurance for every international student, it is important that you come to the International Student Services office upon your arrival at McGill.

If you would like more information, you can reach International Student Services at:

Address:

William & Mary Brown Student Services Building
3600 McTavish Street, Suite 3215
Montreal, Quebec
H3A 1Y2

Telephone numbers:

Immigration and general inquiries: 514-398-4349
Health insurance: 514-398-6012

Fax: 514-398-7352

Email:

international.students@mcgill.ca
international.health@mcgill.ca

3.3.13 Auditing of Courses

McGill does not permit auditing of courses.

3.4 Fees

The University reserves the right to make changes without notice in the published scale of fees. (Note: The information in this section was prepared in early January 2009.)

Further information regarding fees can be found on the Student Accounts website: www.mcgill.ca/student-accounts.

For information on financial support, see www.mcgill.ca/studentaid.

3.4.1 Invoicing Information

Electronic billing is the official means of delivering fee statements to all McGill University students. All charges to the student's account, including tuition, fees, and other miscellaneous charges are on your e-bill. E-bills are generally produced in the first few days of the month and an email notification that the e-bill is ready to be viewed on Minerva is sent to the student's official McGill email address. Charges or payments that occur after the statement date will appear on the next month's statement, but may be viewed immediately on the *Account Summary* by term on Minerva (this is the online "immediate account balance" view).

Interest will *not* be cancelled due to non-receipt of fee invoices. Students should access the Student Accounts website at www.mcgill.ca/student-accounts for information on payment due dates.

3.4.2 Tuition Fees

Tuition rates are subject to change each academic year. Please access the "Schedule of Fees - Summer 2009" on www.mcgill.ca/student-accounts/summerfees which will be updated as soon as the fees are announced.

3.4.2.1 Quebec Students and Non-Quebec Students (Canadian or Permanent Resident)

In accordance with provincial government requirements, students must provide proof that they qualify for assessment of fees at the Quebec or non-Quebec Canadian rates; see www.mcgill.ca/student-records/documents for details.

Note: Students who do not submit appropriate documentation by the stipulated deadline (August 15, 2009) are billed at the non-Quebec Canadian or the international rate, depending on the documentation submitted.

Should your tuition status be changed during the evaluation period, any late payment and/or interest charges accumulated on the difference between the Quebec and Canadian tuition rates will also be waived.

3.4.2.2 International Students

According to the Immigration Act, international students who are taking courses for less than six months are not required to submit a Student Visa or CAQ documents. Instead they should provide a photocopy of their valid passport with the entry stamp issued by the Immigration official at the port of entry into Canada, plus their birth certificate (with a legal certified translation in English or French, if necessary), or legal Visitor Visa issued by the Canadian Government as their proof of identity.

Exemption from International Tuition Fees may be claimed by students in certain categories. Such students, if eligible, are then assessed at the Quebec student rate. A list of these categories and the required application forms can be obtained from Enrolment Services. Information is also available on the web at www.mcgill.ca/students. International students who already hold a valid International Student Fee Exemption may use it for summer courses.

For more information concerning Fee Exemptions, please contact the Fee Co-ordinator at 514-398-5271.

3.4.2.3 Overdue Accounts

All tuition and fees assessed by the University must be paid in full or arrangements must be made to settle the debt.

Students' accounts are considered **delinquent** if they are not paid in full within 60 days after the bill is issued. McGill places a financial hold on these accounts, preventing students from obtaining official academic transcripts and from accessing Minerva for any registration functions.

Interest: Interest is charged on overdue balances at the monthly rate of 1.24%, multiplied by the balance outstanding at the end of the month (14.9% annually). The rate is evaluated each Spring, and then is set for the following academic year.

Note: You should regularly verify your account balance on Minerva.

The University has no obligation to issue any transcript of record, award any diploma, or re-register a student if you do not pay your tuition fees, library fees, residence fees or loans by their due date.

Information for Registered Students

If you register for a term but still owe amounts from previous terms, you must either pay your account or make payment arrangements with the Student Accounts Office before the end of the course add/drop period. If you have financial difficulty, first contact the Student Aid Office (Brown Student Services Building, Room 3200; 514-398-6013) to discuss the possibility of obtaining financial aid.

If you fail to pay the previous term's fees or to make arrangements to settle your debt prior to the add/drop deadline, the University will cancel your registration in the current and subsequent terms.

Information for Students Who Are No Longer Registered

When students fail to settle their debt or reach a suitable payment arrangement, or fail to provide the Student Accounts Office with up-to-date contact information, the University refers these delinquent accounts to a collection agency. **If neither the University nor the collection agency is able to collect on the account, the University reserves the right to have the student reported to a**

credit bureau. You should be aware that the University is entitled to use all legal means to obtain payment and that students are responsible for all costs associated with such actions.

3.4.2.3 Cancelling Registration for Non-Payment

In accordance with the fee policy stated in [section 3.4.2.3 "Overdue Accounts"](#):

The Student Accounts Office will make all reasonable efforts to notify you if your account is delinquent, or if you owe more than \$100 from the previous term, before the University cancels your registration for non-payment. The cancellation is effective the last day of the add/drop period unless you settle the account or make payment arrangements with the University by then. If you pay or make payment arrangements with the Student Accounts Office after the add/drop deadline and you want the University to reinstate your registration for the current or subsequent term(s), you must complete the *Request for Reinstatement* form (www.mcgill.ca/files/student-accounts/RequestforReinstatementForm.pdf) and submit it to the Student Accounts Office, which will forward it to Enrollment Services for approval and processing.

3.4.2.4 Quebec Exchange (Inter-University Agreements)

If you are taking courses as part of the Quebec Inter-University Transfer (IUT) agreement, you are required to pay the fees at your home university. The agreement covers only the transfer of academic credits. International students in undergraduate programs are not usually permitted to take IUT courses. IUT students taking courses at McGill are required to pay additional course charges that are compulsory upon registration, such as special activity charges or course material costs. The University reserves the right to refuse course registrations in non-government-funded activities.

3.4.2.5 Acceptance of Fees vs. Academic Standing

Acceptance of fees by the University in no way guarantees that students will receive academic permission to pursue their studies. If it is subsequently determined that the academic standing does not permit the student to continue, all fees paid in advance will be refunded on application to the Student Accounts Office.

3.4.3 Methods of Payment

3.4.3.1 Payment of Fees

1. **By Telephone / Internet Banking:** The most efficient means of paying student fees is through telephone or Internet banking. McGill is registered with most of the major Canadian banks for this payment of bills service. Please allow two working days for your payment transaction to be reflected on your fee account. Links to the major banks are found on the Minerva e-billing website for your convenience. Banks will require you to enter your McGill ID as the account to pay.

Guests may also use this method of payment — please see www.mcgill.ca/student-accounts/guest for specific instructions.

Tip: You may wish to set up recurring payments — useful for those students with monthly Housing charges, or who wish to schedule future dated payments.

2. **Pre-Authorized Debit (e-cheque):** An alternative method, very popular with U.S. and Canadian students, is the option to pay through pre-authorized debit (or e-cheque). This option is available through the e-payment sub-menu on the e-billing and e-payments menu on Minerva. To subscribe to this service, you are required to sign a one-time agreement by which you agree that McGill University may debit your bank account for the amount that you specify on a given date. In other words, you will log into Minerva and approve a payment to be made. The agreement form is found both on Minerva, as well as on the Student Accounts website, www.mcgill.ca/student-accounts/forms. Note that the agreement may be cancelled at any time, by notifying the Student Accounts Office, by fax, telephone or email.

Guests may also use this method of payment — please see www.mcgill.ca/student-accounts/guest for specific instructions.

For more information on pre-authorized debit, open the Student Accounts' Brochure at www.mcgill.ca/files/student-accounts/Preauthorizeddebitbrochure.pdf.

3. **By Mail:** Students may choose not to avail themselves of the online methods of fee payment described above. Please note, however, that the University is not responsible for mail service; therefore, if a payment is received past the fee deadline indicated on your statement, interest and/or a Late Payment Fee may be assessed.

Should you need to make additional payments, mail it with a copy of your e-bill to:

McGill University – Student Accounts Office
James Administration Building, Room 301
845 Sherbrooke Street West
Montreal, Quebec
H3A 2T5

Cheques, money orders or bank drafts should be made payable to "MCGILL UNIVERSITY" in Canadian funds.

To ensure that your account is correctly credited, you must print your family name and McGill ID number on the front of the cheque or money order.

Students should be aware that a cheque not drawn on a Canadian bank must be presented by the University to the bank upon which it is drawn. This can take two to three months and fees are deemed not to have been paid until the funds have been received by the University from the bank. **Payments under \$100 will be refused.** To avoid this situation, an international draft in Canadian funds drawn on a Canadian bank should be requested from the bank in your own country.

3.4.3.2 Senior Citizens

Senior citizens who require financial aid should be aware that such aid is available for students enrolled full-time in degree programs. They may contact the Scholarships and Student Aid Office for more information at 514-398-6013.

3.4.3.3 Refunds

Refunds of the full tuition fees are available in the following cases:

- If you cancel your registration prior to the start of classes;
- If you drop a course during the course change period (first four scheduled classes which include lectures and laboratories [please see course descriptions of intensive courses where deadlines may be non-standard]).

You may obtain a Request for Refund Form from the Student Accounts Office or download a PDF version from our website at www.mcgill.ca/student-accounts. To facilitate the refund process, we recommend that you supply direct deposit banking information via Minerva (Canadian banks only). Check our website for further information: www.mcgill.ca/student-accounts/refund.

McGill students may choose to leave the refund as a credit in their fee account, to be applied to future fee assessments.

If the course is cancelled due to insufficient enrolment, fees are refunded in full. **There are no refunds under any circumstance if you withdraw from a course after the fourth scheduled lecture.**

Additional Charges other than tuition — flat rate	
Late Registration	\$50.00
ID Card Replacement	\$20.00
The University reserves the right to change the fee schedule without notice. E-bills are generated at the beginning of each month and payment is due as per the due date on the e-bill (normally by the end of the month).	
Please note that if a student drops or withdraws from a course before the fourth scheduled class, or in the case where a course is cancelled, the tuition fees and administrative fees are refundable.	

3.4.3.4 Additional Fee Information

Students with sponsors

If your fees will be paid by an outside agency such as the Department of Veterans Affairs, CIDA, a foreign government, or your University department (i.e., teaching assistants or demonstrators), you must have written proof of this sponsorship. Your sponsor must confirm the conditions of their sponsorship in writing on company letterhead to the University. This allows the University to initiate a contract with your sponsor and effect the payment to your fee account. You need to notify the University at least one month before the beginning of the term in which the contract takes effect. For more information and the required forms, see www.mcgill.ca/student-accounts/third.

When a third party agrees to pay fees on behalf of a student, payment is recorded on the fee account, which reduces the balance the student must pay. The University reserves the right to insist upon payment. **If the third party does not pay the promised fees within 90 days of invoicing, the student is responsible for paying the fees plus the late payment fee and accrued interest.**

Tax receipts:

A T2202A Tuition and Education amounts Certificate as well as a Quebec Relevé 8 (if applicable) will be available through Minerva in February 2010.

3.5 Student Records

3.5.1 Academic Standing

You enter the University in satisfactory standing and your academic standing is determined soon after the end of a term based on your faculty's regulations. Standing codes are generated in January for the Fall term, in May for the Winter term, and in September for the Summer term and display on your McGill unofficial and official transcripts. If you receive unsatisfactory standing, you must apply to your faculty for readmission. Consult the appropriate section of this Calendar for the Regulations on Academic Standing for your faculty.

3.5.1.1 Academic Standing for McGill Students

If you are in unsatisfactory standing, you may enrol in summer courses but will be blocked from Fall term registration unless you have been readmitted by your faculty. Consult the student affairs office of your faculty for more information.

If you are graduating in June, you may still enrol in summer courses but you will be classified as a Special Student. Please contact Enrolment Services on the downtown Campus or the Student Affairs Office on the Macdonald Campus for a Change of Program Status Form and for further information.

All students are reminded that they cannot graduate at the June convocation on the basis of a course completed in the summer session. Students who complete degree requirements during the summer will be granted their degrees at the Fall convocation.

3.5.2 Credit System

The faculties listed in this Calendar use the credit system, where each course is assigned a credit rating reflecting the number of weekly contact hours. In general, a three-credit course indicates three hours of lectures per week for one term but this does not apply to all faculties. Laboratory contact hours usually count for fewer credits. Credits also reflect the amount of effort required and generally assume two hours of personal study for each contact hour.

The credit weight of each course is indicated in parentheses beside the course title.

Note: Credit for multi-term courses (courses with the suffixes: D1, D2; N1, N2; J1, J2, J3) is granted only after successful completion of all components in the specified time frame. For example, a student would have to take D1 and D2 components in consecutive

terms and successfully complete them both in order to obtain credit.

Some faculties have specific policies on course credit, so consult your faculty section of the Undergraduate Programs Calendar for more information.

3.5.3 Grading and Grade Point Averages (GPA)

Courses can be graded either by letter grades or in percentages, but the official grade in each course is the letter grade. Where appropriate, a class average appears on transcripts expressed as the letter grade most representative of the class performance.

Since Fall 2002, the University has only used letter grades on transcripts and verification forms.

Grades A through C represent satisfactory passes, D a conditional (non-continuation) pass, and F a failure. Certain courses have been approved for Pass/Fail (P/F) grading. Students may also designate elective courses to be graded under the S/U option. See [section 3.3.11, "Courses Taken under the Satisfactory/ Unsatisfactory \(S/U\) Option"](#).

You must obtain a grade of C or better in courses that you take to fulfil program requirements. You may not register in a course unless you have passed all the prerequisite courses with a grade of C or better, except by written permission of the appropriate department chair.

Grades	Grade Points	Numerical Scale of Marks
A	4.0	85 - 100%
A-	3.7	80 - 84%
B+	3.3	75 - 79%
B	3.0	70 - 74%
B-	2.7	65 - 69%
C+	2.3	60 - 64%
C	2.0	55 - 59%
D	1.0	50 - 54%
F (Fail)	0	0 - 49%

The University assigns grade points to letter grades according to the table above. Your academic standing is determined by a grade point average (GPA), which is calculated by dividing the sum of the course credit, times the grade points by the total course GPA credits. The result is not rounded up to the nearest decimal point.

GPA credits are the credits of courses with grades that are assigned grade points.

$$\text{GPA} = \frac{\sum (\text{course credit} \times \text{grade points})}{\sum (\text{GPA course credits})}$$

The *term grade point average* (TGPA) is the GPA for a given term calculated using all the applicable courses at the same level in that term. The *cumulative grade point average* (CGPA) is the GPA calculated using your entire record of applicable courses at McGill at the same level; if you change levels, e.g., from undergraduate to graduate, the CGPA starts again.

This policy took effect in January 2003. Prior to January 2003, if your degree program had changed, e.g., from B.Sc. to B.A., the CGPA started again. For students with academic information prior to Fall 2002, who are registered in a different program or in a different level post-Fall 2002, the transcript displays a special message regarding the CGPA restarting.

If you repeat courses, all results are included in the GPA calculation. Therefore, grades of D or F continue to be used in the CGPA calculation even after you repeat the course or if you take a supplemental examination. Note that credits are only granted once for a repeated course regardless of the passing grade.

3.5.3.1 Other Grades

- J** — unexcused absence (failed); the student is registered for a course but does not write the final examination or do other required work; calculated as a failure in the TGPA and CGPA.
- K** — incomplete; deadline extended for submission of work in a course.
- KE or K*** — further extension granted.
- KF** — failed to meet the extended deadline for submission of work in a course; calculated as a failure in TGPA and CGPA.
- KK** — completion requirement waived. Not calculated in TGPA or CGPA.
- L** — deferred examination.
- LE or L*** — permitted to defer examination for more than the normal period.
- NR** — no grade reported by the instructor (recorded by the Registrar).
- P** — pass; not calculated in TGPA or CGPA.
- Q** — course continued in next term (applicable only to courses taken pre-Fall 2002).
- S** — satisfactory; equivalent to C or better in an elective course; not calculated in TGPA or CGPA. (See [section 3.3.11 "Courses Taken under the Satisfactory/Unsatisfactory \(S/U\) Option"](#))
- U** — unsatisfactory; equivalent to D or F in an elective course; not calculated in TGPA or CGPA. (See [section 3.3.11 "Courses Taken under the Satisfactory/Unsatisfactory \(S/U\) Option"](#))
- W** — withdrew; a course dropped, with permission, after the Course Change deadline; not calculated in TGPA or CGPA.
- WF** — withdrew failing; a course dropped, with special permission in an exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an F; not calculated in TGPA or CGPA. (Not used by Music.)
- WL** — faculty permission to withdraw from a deferred examination; not calculated in TGPA or CGPA.
- NA or &&** — grade not yet available.
- W-- or --** — no grade; student withdrew from the University, not calculated in TGPA or CGPA.

3.5.4 Unexcused Absences

All students who miss a final exam are given a J grade. The student then has the following options:

- a) Ask to be assigned a grade based only on the grades earned for the work submitted up to, but not including, the final exam.

The grade earned is calculated by adding the grades obtained on the individual pieces of work and a grade of 0 for the portion of the final grade allocated to the final exam. This option is not available if the professor stipulated in the course outline that the final exam is a required part of the evaluation.

- b) Request a deferred exam, if the student has the appropriate reasons and documentation.

The student must request option a) no later than four months after the end of the examination period of the original course.

The student must request option b) by the faculty deadlines as indicated in the faculty sections of this Calendar.

Students wishing to appeal a J grade should write to their Associate Dean or Director.

3.5.5 Verification of Student Record**3.5.5.1 Unofficial Transcripts**

Subject to [section 3.5.6, "Changes to Student Records after Normal Deadlines"](#), you are responsible for verifying your academic record on Minerva using the unofficial transcript to ensure that you are registered in the proper courses, and that the correct program information and expected term of graduation appear on your record.

If you are graduating, verify your record on Minerva before the end of your final term to ensure that the correct expected graduation term appears on your unofficial transcript; if not, you may be overlooked for graduation. You should direct any questions or problems with your record to your student affairs office.

3.5.6 Changes to Student Records after Normal Deadlines**3.5.6.1 Student Record Changes**

Student record changes include the following: course add or course drop, course withdrawal, university withdrawal, program change (including changing minors or concentrations).

3.5.6.2 Registrar Deadlines

Fall term - January 31

Winter term - June 1

Summer term - October 1

3.5.6.3 Before Registrar Deadlines

For record changes after the normal deadlines published in the Calendar, but before the Registrar deadlines above, you must make a request in writing to your Associate Dean or Director, clearly explaining why you could not request the change before these dates. The Associate Dean or Director will review your request and make a decision. If your request is approved, the change is processed according to existing faculty and Enrolment Services student record procedures.

3.5.6.4 After Registrar Deadlines

The University does not normally consider a change requested after the Registrar deadlines listed above. In situations where there are "extraordinary personal" or "extraordinary academic" circumstances that could not have been foreseen prior to these deadlines, you may formally request a student record change from your Associate Dean or Director. If your Associate Dean or Director approves the request, the change will be processed according to faculty and Enrolment Services student-record procedures. For all changes other than grade changes, the faculty will file full documentation that supports the extraordinary circumstances with Enrolment Services.

3.5.6.5 Fee Assessment Consequences

When a change to your student record is made, the revised fee assessment appears on your next fee statement.

If you want to contest the fee assessment, you must make a written request to Enrolment Services. Enrolment Services reviews the extraordinary circumstances described in the supporting

documentation provided by your faculty, and consults with the Student Accounts Office if necessary, to decide whether or not to consider the request. Enrolment Services then sends you a letter explaining the decision.

3.5.6.6 Student's Citizenship and/or Immigration or Fee Exemption Status

Note that your faculty does not handle changes related to your citizenship and/or immigration or fee exemption status; please see [section 3.2.2, "Legal Documents"](#).

3.5.7 Transcript of Academic Record

3.5.7.1 Unofficial Transcripts

If you require a copy of your student record, access Minerva to view and print an unofficial transcript. This applies to records from 1976 to the present. For pre-1976 records, you must order an official transcript.

3.5.7.2 Official Transcripts

Use Minerva to order an official transcript at *Student Menu > Student Records Menu > Request Printed/Official Transcript*. If you cannot access Minerva, fill out the *Request for Release of Official Document* form available online at www.mcgill.ca/student-records/transcripts or in person at Enrolment Services (address below), and submit it by mail, by fax, or in person. Note that the form must be signed by the student. To protect privacy, we do not accept telephone or email requests.

Enrolment Services
James Administration Building
845 Sherbrooke Street West, Room 205
Montreal, Quebec H3A 2T5
Fax: 514-398-8939

3.5.7.3 General Information

Transcripts are free of charge.

The University sends official transcripts directly to the addresses provided by the student. If you intend to deliver the transcript to another institution yourself, you can request to receive it in a sealed envelope.

Requests are normally processed in 3 to 5 working days; transcripts requested at peak times and for pre-1976 records take longer.

Enrolment Services is not responsible for transcripts that are lost or delayed in the mail.

The University issues only complete transcripts that record all attempted work and final results obtained in any and all programs. Under no circumstances does the University issue partial transcripts.

Official transcripts are NOT issued for students registered on or after September 2001 who have failed to provide the information and/or documents necessary to obtain or verify their Permanent Code.

Transcripts are not issued if you owe fees or fines over \$30.

The University prints official transcripts on secure paper that cannot be copied.

3.5.7.4 Course Numbering on the Transcript

Prior to September 2002, course numbers had a seven-character designation beginning with the three-number code for the teaching unit/department. The next three digits specified the course, with the first of these indicating its level. The final character was a letter indicating the term, or terms, during which the course was offered. For example:

107-200A = Philosophy (107) course (200) in Fall term (A);
301-202B = Architecture (301) course (202) in Winter term (B);
154-230D = Economics (154) course (230) extending for two terms, Fall and Winter (D).

A list of the former Teaching Unit Codes and their Subject Code equivalents is available at www.mcgill.ca/student-records/transcripts.

3.6 Examinations

3.6.1 Examinations – General Information

In addition to the general examination policies listed here, you should consult the faculty sections of this Calendar for particular regulations. You will be informed by the end of the Course Change period of the evaluation method used in each course.

Every student has a right to write term papers, examinations and theses in English or in French except in courses where knowledge of a language is one of the objectives of the course.

You are not permitted to write an examination in any course unless you have fulfilled the requirements of the course to the satisfaction of the instructor and your Associate Dean or Director. Once you have presented yourself for an examination or test, you must submit all written work to the invigilator before leaving.

You must have your valid McGill student ID card with you to write an examination. Forgetfulness is not an acceptable excuse.

You are reminded that cheating in any examination is considered a serious offence which could lead to expulsion from the University. Students are not permitted to have in their possession, or to use, any unauthorized materials during an examination. This includes electronic devices such as cell-phones, iPods, MP3 players, PDAs and other web-access devices. Unauthorized items found on the student or desk area during an exam will be confiscated and turned over to the Disciplinary Officer.

Responses on multiple-choice examinations are normally checked by the Exam Security Computer Monitoring Program. The program detects pairs of students with unusually similar answer patterns on multiple-choice examinations. Data generated by the program can be used as admissible evidence either to initiate or corroborate an investigation or a charge of cheating under Section 16 of the *Code of Student Conduct and Disciplinary Procedures*.

All students are responsible for knowing the University Examination Regulations and the *Code of Student Conduct and Disciplinary Procedures*. The regulations are normally posted during the examination period and are available at the following website: www.mcgill.ca/student-records/exam/regulations. Both may be obtained from your student affairs office.

You can find information about issues related to academic integrity at www.mcgill.ca/integrity.

Class Tests

Members of the teaching staff may from time to time give interim class tests.

Special Examination Facilities for the Disabled

If you have a visual or other disability, consult the Coordinator, Office for Students with Disabilities, about the possibility of arranging special examination facilities.

Credit by Examination

In certain exceptional cases and in certain faculties, you can apply to the Associate Dean or Director to write a final examination in order to obtain credit in a course that you were not registered in. This is possible only in those courses where there is no other assessment except the final examination.

3.6.2 Final Examinations

Formal final examinations are held during an examination period at the end of the course term. The dates of the examination periods are listed in [section 2, "Calendar of Dates, Summer 2009"](#).

IMPORTANT NOTE: You are advised not to make travel plans prior to the release of the Final Exam Schedule. Vacation plans *do not* constitute grounds for the deferral or re-scheduling of final exams.

In some courses there is no final examination; your standing in these courses is determined by term work and class tests.

3.6.2.1 University Regulations Concerning Final Examinations

Preamble

The objectives of these regulations are as follows:

- 1) to protect students from excessive workloads;
- 2) to use the full 15-week term to maximum advantage.

Regulations

1. These regulations shall apply to undergraduate courses up to and including the 500 level that are evaluated by the use of written examinations. They shall not apply to clinical, field, laboratory, performance, and seminar courses, or to other courses that are evaluated solely by means of a design, paper, program, or project.
2. Written examinations (including take-home examinations) shall not be held during the last two weeks of scheduled classes during the Fall and Winter terms, except where a pattern of continuous evaluation has been established, in which case the total value of examinations given in this period shall comprise no more than 10% of the final mark.
3. If the written examinations in a course constitute 50% or more of the final mark, one of these shall be given as a final written examination; and it shall take place during the examination period after the last day of scheduled lectures in December or April.
4. A final examination given during the examination period shall be worth at least 25% of the final mark.
5. Students shall be informed of all course requirements by the end of the course change period. All term work shall be assigned early enough in the term for students to complete the assignment(s) by the last day of class.
6. The due date for term work in courses to which these regulations apply shall be no later than the last day of classes.
7. In courses that span the Fall and Winter terms (course pairs with numbers ending D1 and D2), instructors who wish to give a mid-year examination in December must schedule it in the formal examination period.
8. The principles enunciated in these regulations shall be applied, appropriately modified, to courses given during the summer, to other courses of less than a 13-week duration, and to courses in the Faculties of Law, Medicine, Dentistry, and Education that do not follow the normal University Timetable.
9. Individual faculties may propose variations in these regulations to the Academic Policy and Planning Committee in order to meet their special needs.
10. These regulations, and any variations to them, shall be made known to students by each faculty.

Instructors are not permitted to grant any special treatment regarding examinations to any student. Students who believe there are circumstances which might justify making special examination arrangements for them or which might legitimately be taken into account in evaluating their performance should apply to the Associate Dean of their faculty (or Director, BCom Program, Desautels Faculty of Management).

It is the responsibility of the student to confirm the date, time and place of the examination by checking examination schedules posted on notice boards on campus and at www.mcgill.ca/students. This information is not available by telephone. No student will be allowed to enter an examination later than one hour after it has started.

3.6.2.2 Deferred Examinations

If a student is unable to write a final examination, as a result of illness or serious exceptional circumstances beyond a student's control, the student must contact in writing the Associate Dean, or Program Director, of the Faculty in which he or she is registered **WITHIN FOUR DAYS OF THE DATE OF THE EXAMINATION**. The reason(s) for the student having missed the examination must be fully documented, in writing.

If the Associate Dean, or Program Director, approves the request, the student may be granted the option of writing a deferred examination. In such cases, a grade of "L" will be entered on the student's record, to be replaced subsequently by the grade received in the deferred examination.

Students with permission to write a deferred examination should expect to write the deferral within two weeks of the date of the original exam. The date of the deferred exam will be determined by Summer Studies. No special arrangements will be approved.

Please note that for courses administered by the Faculty of Education, deferred examinations will not be permitted; however, in exceptional circumstances, the student may be granted permission to withdraw from the course, without refund.

A student, who, in the absence of exceptional circumstances, does not write the final examination and has not formally withdrawn from the course, will be given a letter grade of "J".

3.6.2.3 Reassessments and Rereads

In accordance with the *Charter of Student Rights*, and subject to its stated conditions, you have the right to consult any written submission for which you have received a mark. You also have the right to discuss this submission with the examiner. If you want to have a formal final examination reread, you must apply in writing to your student affairs office (the Associate Dean, Student Affairs, in the Faculty of Agricultural and Environmental Sciences and in the Schulich School of Music). You should check with that office regarding application deadlines for formal rereads.

For more detailed regulations concerning reassessments and rereads, consult your faculty section in this Calendar.

3.7 Support for Students

3.7.1 Office of the Dean of Students

William and Mary Brown Student Services Building
3600 McTavish Street, Suite 4100
Montreal, QC H3A 1Y2

For information, contact (Dean/Associate Dean):

Telephone: 514-398-4990

Email: deanofstudents@mcgill.ca

Website: www.mcgill.ca/deanofstudents

The Dean and the Associate Dean of Students coordinate and promote initiatives concerned with important aspects of the student experience, such as advising, academic integrity, student discipline, student recognition programs, and outreach to families, the McGill community and the broader local community.

3.8 Student Services

3.8.1 Office of the Executive Director, Services for Students

William and Mary Brown Student Services Building
3600 McTavish Street, Suite 4100
Montreal, QC H3A 1Y2

For information, contact:

Telephone: 514-398-3825

Website: www.mcgill.ca/studentsservices

The Executive Director, Services for Students (EDSS), coordinates all student services at McGill to help promote student success and well-being. The EDSS is available to provide assistance and/or information on almost all aspects of non-academic student life. Concerns of an academic nature are directed to the proper individual, office or department.

3.8.2 Student Services – Downtown Campus

Unless otherwise indicated, all Student Services on the Downtown Campus are located in the William and Mary Brown Student Services Building, 3600 McTavish Street, Montreal, Quebec, H3A 1Y2.

A list of services available is given below. For further information, see the Student Services website: www.mcgill.ca/studentsservices or the address indicated above.

Student Services

General Information: 514-398-8238
Website: www.mcgill.ca/studentsservices

Career Planning Service (CaPS): Provides career education, guidance, and individual advising to help you in your search for permanent, part-time, or summer jobs and internships.
Brown Student Services Building, Suite 2200 514-398-3304
Email: careers.caps@mcgill.ca
Website: www.mcgill.ca/caps

Chaplaincy Service: Concerned with the spiritual and mental well-being of all students.
Brown Student Services Building, Suite 4400 514-398-4104
Email: chaplaincy@mcgill.ca
Website: www.mcgill.ca/chaplaincy

Counselling Service: Assists with psychological, emotional, and interpersonal issues as well as vocational and academic concerns.
Brown Student Services Building, Suite 4200 514-398-3601
Email: counselling.service@mcgill.ca
Website: www.mcgill.ca/counselling

First Peoples' House: Fosters a sense of community for Aboriginal students studying at McGill.
3505 Peel Street 514-398-3217
Email: firstpeopleshouse@mcgill.ca
Website: www.mcgill.ca/fph

First-Year Office: Helps ease the transition of all students new to McGill. Coordinates "Discover McGill," a one-day, campus-wide University and faculty orientation.
Brown Student Services Building, Suite 2100 514-398-6913
Email: firstyear@mcgill.ca
Website: www.mcgill.ca/firstyear

Health Services and Dental Clinic: Provides access to experienced physicians, nurses and health educators who offer health services and information in a confidential atmosphere. Also operates a laboratory offering a wide array of testing, and a dental clinic.
Brown Student Services Building, Suite 3300 514-398-6017
Website: www.mcgill.ca/studenthealth

International Student Services: Offers support to international students on non-academic matters (immigration, health insurance, etc.), runs a Buddy Program and an orientation program.
Brown Student Services Building, Suite 3215 514-398-4349
Email: international.students@mcgill.ca
Website: www.mcgill.ca/internationalstudents

Mental Health Service: A psychiatric clinic that offers easily accessible treatment for mental health problems.
Brown Student Services Building, Suite 5500 514-398-6019
Website: www.mcgill.ca/mentalhealth

Scholarships and Student (Financial) Aid Office: Provides assistance in the form of loans, bursaries, and Work Study programs to students requiring financial aid.
Brown Student Services Building, Suite 3200 514-398-6013/6014 514-398-4807 (Scholarships)
Email: student.aid@mcgill.ca
Website: www.mcgill.ca/studentaid

Student Housing (Off-Campus): Maintains computerized lists of available off-campus student housing.
Student Housing Office, 3641 University Street 514-398-6010

Email: offcampus.housing@mcgill.ca
Website: www.mcgill.ca/offcampus

Residences: Offers accommodation for approximately 1,800 students. See section 3.9 "Residential Facilities" for more information.
Student Housing Office 514-398-6368
Email: housing.residences@mcgill.ca
Website: www.mcgill.ca/residences

Office for Students with Disabilities: Coordinates services to meet the needs of students with disabilities.
Brown Student Services Building, Suite 3100 514-398-6009
Email: disabilities.students@mcgill.ca TDD: 514-398-8198
Website: www.mcgill.ca/osd

Tutorial Service: Sponsors an extensive tutorial program for students.
Brown Student Services Building, Suite 4200 514-398-6011
Email: tutoring.service@mcgill.ca
Website: www.mcgill.ca/tutoring

3.8.3 Student Services – Macdonald Campus

While students who study on the Macdonald Campus may make full use of all Student Services available at McGill, the Office of the Executive Director of Services for Students gives you direct access to the services listed below.

Further information can be found on the web at www.mcgill.ca/macdonald-studentsservices and the Student Services website: www.mcgill.ca/studentsservices.

Unless otherwise indicated, Macdonald Campus services are located in the:

Centennial Centre, Room CC1-124
21,111 Lakeshore Road
Telephone: 514-398-7992
Fax: 514-398-7610
Email: stuserv.macdonald@mcgill.ca

Career Planning Service (CaPS): Provides career education, guidance, and individual advising to help you in your search for permanent, part-time, or summer jobs and internships.
Telephone: 514-398-7582
Website: www.mcgill.ca/caps

Counselling Service: A professional counsellor is available three times a week offering counselling for personal, social and emotional issues, as well as for academic and vocational concerns. Appointments are required.
Telephone: 514-398-7992

Health Service: A referral service is available Monday through Friday. A nurse/health educator is on campus Mondays, Tuesdays and Wednesdays, and a physician is available by appointment on specified dates.
Telephone: 514-398-7565

Off-Campus Housing: Maintains computerized lists of available off-campus student housing.
Website: www.mcgill.ca/offcampus
Telephone: 514-398-7992

Student (Financial) Aid Office: Information about government aid, McGill loans and bursaries, and Work Study programs can be obtained at the Centennial Centre. During the academic year (September to April), an Administrator visits the campus every Wednesday to help students with financial problems.
Telephone: 514-398-7992

3.8.4 Ombudsperson for Students

The position of Ombudsperson for Students is filled on a half-time basis by an academic staff member. The Ombudsperson receives complaints from students and assists in the resolution of those complaints through informal means including information, advice, intervention, and referrals with a view to avoiding the more formal grievance procedures that already exist in the University.

The Office of the Ombudsperson is a confidential, independent, and neutral dispute-resolution service for all members of the student community. Please call 514-398-7059 for an appointment.

Office of the Ombudsperson, 3610 McTavish, above Dr. Penfield, Suite 14, Main Floor.

Website: www.mcgill.ca/ombudsperson

3.8.5 Bookstore

The McGill University Bookstore stocks new and used textbooks, a full range of books for the academic and professional community, stationery supplies, and McGill insignia clothing and gift items. Visit the Bookstore website or in person to sign up for email reminders so you are the first to know about services such as used textbook buy back and other events.

3420 McTavish Street
Telephone: 514-398-7444
Website: www.mcgill.ca/bookstore

Macdonald Bookstore
Centennial Centre
Telephone: 514-398-8300
Website: www.mcscs.mcgill.ca/bookstore.html

3.8.6 Computer Store

The McGill Computer Store, located on the second floor of the University Bookstore, sells a full range of computer hardware, software, peripherals and consumer electronics at educational prices.

3420 McTavish Street
Telephone: 514-398-5025
Website: www.mcgill.ca/mcs
Email: sales.mcs@mcgill.ca

3.9 Residential Facilities

3.9.1 Summer Residence Accommodation

3.9.1.1 Residences

McGill University offers residence accommodation in two different locations: Bishop Mountain Hall (BMH), situated above the main campus in downtown Montreal, and the former four-star Renaissance-Montreal hotel which has become McGill's New Residence Hall (NRH). In each case, McGill Residences is the perfect place to relax and meet people.

First-class shopping, restaurants and art galleries are at your doorstep, outdoor cafés and street festivals around every corner. The narrow streets and historic buildings of Old Montreal lie to the south, while nearby Mount Royal invites you to go sunbathing, strolling and picnicking. The sights and sounds of Montreal's many cultures are part of the magic.

In the traditional McGill Residences at Bishop Mountain Hall (BMH), you will enjoy the privacy of your own bedroom (with all the amenities such as sheets, towels and soap provided), yet company is nearby in the TV lounges and meeting rooms. Card operated laundry facilities and public telephones are accessible to everyone.

The New Residence Hall offers fully equipped rooms with telephone, cable TV, high speed Internet, air conditioning and a private bathroom. Also, you have the choice of single rooms with a double size bed or sharing with a roommate with two double beds. Card operated laundry facilities are accessible to everyone.

3.9.1.2 Reservations for Traditional Residences (BMH)

Rooms have been reserved for our visiting students in the traditional residences. The residences are available from 3:00 p.m. on May 15, 2009. Rooms for McGill Summer Studies may be available from as early as May 8, 2009. Anyone arriving prior to May 15th must commit to a minimum of one-month's stay and will be re-

quired to pay one month's accommodation in advance. There will be no refund of this amount should the student withdraw.

Cancellation Policy: Please contact the McGill University Residences - Summer Business Office no later than 12:00 p.m. (noon) two days prior to arrival date to avoid a one night cancellation fee. **Notice to any other University office is not sufficient.**

Prior to sending your application, it is strongly recommended to verify availabilities with the Summer Business Office.

To make a reservation at BMH:

McGill University Residences - Summer Business Office
3935 University Street
Montreal, Quebec
H3A 2B4
Telephone: 514-398-5200
Fax: 514-398-6770
Email: reserve.residences@mcgill.ca
Website: www.mcgill.ca/residences/summer

Reservations for the New Residence Hall (NRH):

Rooms are available as of May 15, 2009. Rooms for McGill Summer Studies may be available from as early as May 8, 2009, please contact the New Residences Reservation Department for any inquiries. Anyone arriving prior to May 15th must commit to a minimum of one-month's stay and will be required to pay one month's accommodation in advance. There will be no refund of this amount should the student withdraw.

Cancellation Policy: Please contact the NRH office no later than 12:00 p.m. (noon) two days prior to arrival date to avoid a one night cancellation fee. **Notice to any other University office is not sufficient.**

Prior to sending your application, it is strongly recommended to verify availabilities with the New Residence Hall Reservations Department.

To make a reservation at New Residence Hall:

McGill University Residences - New Residence Hall
Reservations Department
3625, avenue du Parc
Montreal, Quebec
H2X 3P8
Front desk: 514-398-3471
Fax: 514-398-4521
Email: reservation.nrh@mcgill.ca
Website: www.mcgill.ca/nrh

Rates for students (including taxes):

Note: Rates at BMH and NRH include a \$5.00 breakfast voucher. Rates may be subject to changes without notice.

Single Occupancy	BMH	NRH
Per Day	\$45.15	\$111.75
Per Month	\$700.00	\$1,782.00
Deposit	\$45.15	\$111.75

Meal Arrangements

The cafeterias in the Student Union Building, the Education Building and the Athletics Building are open each day from 8:00 a.m. - 3:00 p.m. Facilities are available on each floor of the residence for students to prepare their own snacks and there are a variety of grocery stores in the neighborhoods around main campus. In addition, the area around McGill abounds with small restaurants where students can sample the cuisine of many different countries.

Off-Campus Housing

The McGill Off-campus Housing Service lists various types of accommodation in the downtown area. Please contact:

Student Housing Office

3641 University Street
Montreal, Quebec
H3A 2B3

Telephone: 514-398-6010

Fax: 514-398-2305

Email: offcampus.housing@mcgill.ca

Website: www.residences.mcgill.ca/offcampus

3.10 Athletics

Downtown Campus

Dept. of Athletics & Recreation:

Offers a wide range of facilities, activities, and equipment. Facilities include a gymnasium, fitness centre, weight room (with athletics staff on hand seven evenings per week), pool, arena, fieldhouse, stadium, indoor & outdoor running tracks, tennis courts, squash & racquetball courts, spinning, dance & martial arts studios, and various playing fields.

McGill students can participate in instructional, recreational, intramural and intercollegiate activities, as well as sports clubs. There are nominal fees for instructional courses.

McGill Athletics Centre, 475 Pine Avenue West

Telephone: 514-398-7000

Email: jill.barker@mcgill.ca (recreational sports) or

earl.zukerman@mcgill.ca (intercollegiate sports)

Website: www.athletics.mcgill.ca

Macdonald Campus

Athletics:

Offers a wide range of facilities, activities, and equipment free of charge. Facilities include a gymnasium, weight room (with fitness trainers on hand four evenings per week), arena, tennis courts, playing fields and large expanses of green space.

Students can participate in instructional, recreational, intramural and intercollegiate activities. There are nominal fees for instructional courses.

Athletics offices are located in the Stewart Athletic Complex, just west of the Centennial Centre.

Stewart Athletic Complex

Telephone: 514-398-7789

Website: www.macdonaldcampusathletics.mcgill.ca

3.11 For your Information Technology (IT) needs

McGill's IT Services website is your one-stop shop for all central IT services at McGill. Visit www.mcgill.ca/it to:

- Get IT service descriptions and read FAQs.
- Find detailed information such as service cost and service availability as well as instructions on how to access the service and get IT help and support.
- Find system availability, down times and new service announcements posted under Announcements, Features and Events.
- Search the McGill IT Knowledge Base.

3.11.1 Need Help?

Welcome New Students

Take an interactive guided tour of IT services: at www.mcgill.ca/it, go to *Welcome New Students*.

McGill IT Knowledge Base

Search the Knowledge Base at <http://knowledgebase.mcgill.ca/it> for answers to commonly asked questions about IT.

3.11.1.1 Getting Help

Contact the ICS Service Desk by submitting your request via a web form at <http://webforms.mcgill.ca>, or find ICS Service Desk information at www.mcgill.ca/it.

3.12 Resources for Study and Research

3.12.1 Libraries

The McGill Library consists of 13 branch libraries and special collections located across both campuses. Numbering over six million items, the Library's vast holdings include 2.5 million books, textbooks and course-readers, thousands of journal titles, vast manuscript and pictorial collections and thousands of sound and video recordings. The Library's e-resources are extensive, and include almost 50,000 e-journals, multimedia, and over one-million e-books on subjects ranging from early English literature to nutrition.

A comprehensive website (www.mcgill.ca/library), an online catalogue, and a wide range of library services link the Library's resources to those who need them for learning, research and scholarship. Hundreds of databases on topics from art history to zoology guide users to relevant journal articles and research materials, while subject guides on topics like chemistry and social work provide comprehensive and clear direction for users undertaking research. The Library's website also provides access to items such as past examination papers, McGill theses, and foreign newspapers. All electronic resources are available for use from home using the VPN (Virtual Private Network) or laboratories anywhere on the campus - access any time, any place.

The staff in each branch library can help you locate information for course work, assignments or research topics. Training is provided at all student levels to ensure you know how to find and use information. Information skills programs are undertaken as part of course curricula. Liaison Librarians specialize in specific disciplines, and are available to assist students and staff in person, on the phone, online, by email and via online chat.

Although opening hours vary, most libraries are open up to 84 hours per week, and several branch libraries extend opening hours during examination periods, including 24-hour-access to the Humanities and Social Sciences Library. Hundreds of computers are available for email, word-processing, accessing online courses, reading library materials, preparing assignments and searching the Internet. Designed to enhance the learning experiences of diverse users, the Library's facilities offer a variety of comfortable and attractive spaces, including quiet individual study areas, dynamic e-zones, and group study rooms that can be booked for use. Wireless access is available throughout the library, and all libraries have card-operated printing and copying facilities. Special facilities are available for vision- and hearing-impaired users. Laptops are also available for loan.

You can use special library services such as the Electronic Data Resources Service, which supports empirical and statistical research. Unique scholarly materials from the Rare Books and Special Collections are being digitized and theses are being submitted electronically. The Course Reserve collection in each branch library includes copies of textbooks and high-demand items on course reading lists. You can borrow materials from any library and return them anywhere across the system.

If you need material not owned by McGill University Library our Interlibrary Loan & Document Delivery Service will source it for you and pickup is available at any branch.

4 Course Information

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- 4.2 Course Terminology, page 33

Students are advised to refer also to the "General University Information and Regulations" section of this Calendar, in particular "Registration", section 3.3 and "Student Records", section 3.5.

The University reserves the right to make changes without prior notice to the information contained in this publication, including the revision or cancellation of particular courses or programs.

At the time this Calendar was published, new courses and modifications to some existing courses were under consideration. Students preparing to register are advised to consult Class Schedule at www.mcgill.ca/courses for the most up-to-date information on courses to be offered in Summer 2009. The Class Schedule includes class times, locations and instructors.

4.1 Course Numbering

Each McGill course is assigned a unique seven-character course "number".

The first four characters (Subject Code) refer to the unit offering the course.

The three numbers following the Subject Code refer to the course itself, with the first of these indicating the level of the course.

- Courses numbered at the 100, 200, 300, and 400 levels are intended for undergraduate students. In most programs courses at the 300 level and 400 level are normally taken in the student's last two years.
- Courses at the 500 level are intended for graduate students, but may also be open to qualified senior undergraduate students.
- Courses at the 600 and 700 level are intended for graduate students only.

4.2 Course Terminology

Prerequisite:

Course A is prerequisite to course B if a satisfactory pass in course A is required for admission to course B.

Corequisite:

Course A is corequisite to course B if course A must be taken concurrently with (or may have been taken prior to) course B.

Credits:

The credit weight of each course is indicated in parentheses beside the course title. For further information refer to "Credit System", section 3.5.2.

5 Departmental Contact Information

Desautels Faculty of Management

BCom Office
514-398-4068

Faculty of Engineering

Architecture
514-398-6702

Chemical Engineering
514-398-4494

Civil Engineering
514-398-6345

Electrical Engineering
514-398-3943

Mechanical Engineering
514-398-8070

Mining & Materials Engineering
Mining: 514-398-2215
Materials: 514-398-1040

Faculty of Education

Integrated Studies in Education
514-398-4525

Kinesiology & Physical Education
514-398-4184 x0302

Educational & Counselling Psychology
514-398-4241

Faculty of Arts

Anthropology
514-398-1277

Art History & Communications
514-398-6541

East Asian Studies
514-398-6742

Economics
514-398-4850

English
514-398-6550

English & French Language Centre
514-398-4172

French Language & Literature
514-398-6885

German Studies
514-398-3650

Hispanic Studies
514-398-6683

History & Classics
514-398-3975

International Development
514-398-4804

Islamic Studies
514-398-6077

Italian Studies
514-398-3953

Linguistics
514-398-4222

Music
514-398-4540

Philosophy
514-398-6060

Political Science
514-398-4800

Quebec Studies
514-398-3960

Russian & Slavic Studies
514-398-3639

Social Work
514-398-2677

Sociology
514-398-6868

Women's Studies
514-398-3911

Faculty of Agricultural and Environmental Sciences

Bioresource Engineering
Dr. Marcia Knutt, Director of Freshman Program
514-398-7976
Dr. Alice Cherestes, Freshman Advisor
514-398-7980

Dietetics & Human Nutrition
514-398-7840

Food Science & Agricultural Chemistry
514-398-7898

Plant Science
514-398-7851

Schulich School of Music

Music Research
514-398-4540

Faculty of Science

Biology
514-398-7045

Chemistry
514-398-6999

Computer Science
514-398-7071

Earth & Planetary Sciences
514-398-6767

Geography
514-398-4111

Mathematics & Statistics
514-398-3800

Physics
514-398-6477

Psychology
514-398-6100

Faculty of Religious Studies

514-398-4121

6 Special Courses and Programs

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Always check the Class Schedule at www.mcgill.ca/courses for the most up-to-date information. This includes class times, locations and instructors.

6.1 Faculty of Arts

6.1.1 Summer Courses in Italy Program

COURSES TAUGHT IN FLORENCE, ITALY

The Department of Italian Studies in conjunction with other departments offers up to 12 credits of courses given at the Centro Linguistico Dante Alighieri in Florence, Italy, during the months of May, June and July, 2009. For more information, please see www.mcgill.ca/italian/summer.

The deadline for applying to the program is April 3, 2009.

Applications are available at www.mcgill.ca/italian.

Students must contact either of the program coordinators, Ms. Vanna Fonsato or Dr. Enrica Quaroni by email at florence.italian@mcgill.ca **BEFORE** registering on Minerva. Students will have the opportunity to register for the following summer school courses:

ITAL 206 BEGINNERS' ITALIAN INTENSIVE. (6 credits)

(Restriction: Not open to students who have taken ITAL 205D1/ITAL 205D2) Designed to cover in one term the same material as ITAL 205D1/ITAL 205D2.

Section 001 (01-June-2009/26-June 2009)

Section 002 (29-June-2009/24-July-2009)

ITAL 216 INTERMEDIATE ITALIAN INTENSIVE. (6 credits)

(Prerequisite: ITAL 205D1/ITAL 205D2 or ITAL 206 or permission of the Department) (Restriction: Not open to students who have taken ITAL 210) Course designed to cover in one term the same material as ITAL 215D1/ITAL 215D2. Direct continuation of ITAL 206.

Section 001 (01-June-2009/26-June 2009)

Section 002 (29-June-2009/24-July-2009)

ITAL 306 ADVANCED READING AND COMPOSITION. (6 credits) (Prerequisite: ITAL 215D1/ITAL 215D2, ITAL 216, or equivalent) The understanding of grammatical structures through a variety of exercises; paraphrasing, translating, composition and discussion. Particular emphasis will be placed on syntax through the study of contemporary texts.

Section 001 (01-June-2009/26-June 2009)

Section 002 (29-June-2009/24-July-2009)

ITAL 307 TOPICS IN ITALIAN CULTURE. (3 credits)

Note: The Topic only applies to section 001, the May course. Selected topics in Italian culture (topics may vary and may concentrate on one or more of the following areas: geography, history, music, art history, political science and/or literature).

Section 001 (04-May-2009/29-May-2009) - taught in English
Topic: Love in Renaissance Florence.

For details, contact Prof. M. Soranzo, Department of Italian Studies.

Section 002 (01-Jun-2009/26-Jun-2009) - taught in Italian

Section 003 (29-Jun-2009/24-Jul-2009) - taught in Italian (Prerequisite for sections 002, 003: ITAL 215D1/ITAL 215D2 or ITAL 216, or equivalent)

Topics: TBA

ITAL 308 BUSINESS ITALIAN 1. (3 credits)

Course focuses on the terminology, idiomatic expressions and syntax of Italian business language. Topics, such as workplace in Italy, credit institutions, chamber of commerce and its role, industrial associations, will be used to help develop and improve written and oral communication skills as they relate to the business world.

Section 001 (01-June-2009/26-June 2009)

Section 002 (29-June-2009/24-July-2009)

ITAL 309 PERSPECTIVES ON ITALY. (3 credits)

Topic for Summer 2009: Florence and the shaping of the modern imagination. The course will highlight and investigate significant art, architecture, landscapes, and urban forms in the history of Florence as well as explore the critical role these spatial manifestations have played in the formulation of creative strategies of Modernity — roughly the period between the mid-18th century and the second half of the 20th century. Field trips to relevant sites related to the theme of the course, i.e., Rome, Siena, Lucca, Certosa d'Enna, San Gimignano, Volterra, Bagno Vignoni, Fiesole, San Galgano Abbey, and an overnight trip to Bologna are planned. For specific details about course content, please see Prof. R. Castro, School of Architecture.

Course taught in English.

Section 001 (04-May-2009/29-May-2009)

ARTH 367 ITALIAN RENAISSANCE ART 2. (3 credits)

NOT OFFERED IN SUMMER 2009

CLAS 348 GREEK AND ROMAN TOPOGRAPHY. (3 credits)

Topic for Summer 2009: The Fall of the Republic.

Examination of the rapidly changing political and urban landscapes of Roman Italy in the age of Sulla and Julius Caesar, through the analysis of ancient texts, material evidence, and monuments and architecture. Course will include visits to museums and archaeological sites in Florence, Fiesole, Rome and Pompeii. For specific details about course content, please see Prof. M. Fronza, Department of History.

Section 001 (04-May-2009/29-May-2009)

Application Deadline: April 3, 2009

Application Details: Applications and information are available at www.mcgill.ca/italian. Prior to registration on Minerva, students must contact E. Quaroni or V. Fonsato at florence.italian@mcgill.ca.

MUAR 387 THE OPERA. (3 credits)

NOT OFFERED IN SUMMER 2009

POLI 339 COMPARATIVE DEVELOPED: TOPICS 1. (3 credits)

Topic for Summer 2009: Can the European Welfare State Survive? Exploration of the welfare state in Europe: its

origins, evolution, and recent challenges. The first half of the course will look at the historical emergence of the welfare state, including the evolution of the role of the state in Europe; while the second half will focus on the retrenchment of the welfare state, the role of the European Union, and the new demographic and fiscal challenges. The Italian case will also be explored in comparative context, and relevant site visits are planned. For specific details about course content, please consult Prof. M. Brawley and Prof. A. Maioni, Department of Political Science, Section 001 (04-May-2009/29-May-2009)
Application Deadline: April 3, 2009
Application Details: Applications and information are available at www.mcgill.ca/italian. Prior to registration on Minerva, students must contact E. Quaroni or V. Fonsato at florence.italian@mcgill.ca.

6.1.2 English and French Language Centre

Students registering for courses offered by the English and French Language Centre should take note of the following: For specific course descriptions, please see "Course Information, Regulations and Descriptions".

Placement Tests:

All second language courses given at the English and French Language Centre, 688 Sherbrooke Street West, 2nd floor, Montreal, Quebec, H3A 3R1, have limited enrolment and mandatory placement tests. Students must start the course on the first day and continue until the last day in order to receive credits.

French as a Second Language

All French as a Second Language courses require a permit. All students should bring to their interview a photocopy of all transcripts showing previous French language courses. Credits will not be given to a student who has taken and passed equivalent courses at a CEGEP or another university.

Interviews and Placement Tests take place on March 20, at 13:30 and 14:30, April 3 at 13:30 and 14:30 and April 15 at 13:30 and 14:30 at the Arts Multimedia Language Facility (AMLF), in the basement of the McLennan Library, 3459 McTavish.

Students must bring a headset or earbuds, the kind used with iPods, MP3 players, etc.

Visiting and Special Students

If you are not available for testing on the above dates, you should:

- obtain a Pre-Placement Test from the English and French Language Centre by emailing agathe.forgione@mcgill.ca
 - return the completed form by email to agathe.forgione@mcgill.ca
 - send your Authorization to Register form to Enrolment Services
 - call the Language Centre to arrange a telephone interview
- Once the Language Centre has assessed your level, you will be given a permit in order to register by Minerva.

English as a Second Language

The English and French Language Centre of the Faculty of Arts offers a three credit course: ESLN 299 Academic English Seminar.

Students newly admitted to a Bachelors program (Year 0 or Year 1) for Fall 2009 will receive a subsidy for this course upon completion. Only students who have not previously been enrolled in a Bachelors program at McGill are eligible. The students are expected to pay for the course and those eligible will automatically receive a credit on their student account in the Fall.

Cost and subsidy: ESLN 299: \$243.57*

*2009 Quebec tuition & administration fees. Fees are subject to change without notice.

Anglais Langue Seconde

Le Centre d'enseignement du français et de l'anglais de la faculté des arts offre un cours de trois crédits : ESLN 299 Academic English Seminar.

Les étudiants nouvellement admis (en première année d'université) à McGill à un programme de 1er cycle à l'automne suivant ont droit au remboursement de ce cours s'ils le complètent. Les étudiants doivent payer le cours et ceux qui sont éligibles recevront

automatiquement un crédit dans leur compte étudiant à l'automne. (Seuls les étudiants qui n'ont jamais été admis à un programme de 1er cycle à McGill ont droit à ce remboursement.)

Coût et subvention : ESLN 299 : 243.57 \$*

*Frais de scolarité et d'administration du Québec 2009. Les frais peuvent changer sans préavis.

6.1.3 Quebec Studies Summer Institute

QCST 336 QUEBEC STUDIES SUMMER SEMINAR. (6 credits)

An eight week intensive course - June 8 to July 31, 2009.

Improve your French, discover Montreal and experience the Quebec way of life!

The McGill Quebec Studies Summer Institute offers an extraordinary opportunity to enhance your French communication skills and discover Quebec's vibrant culture in the largest French-speaking city in North America. Through a multidisciplinary historical approach, the 8 week intensive course brings together leading scholars in anthropology, archeology, history, political science and literary studies as well as cultural figures, opinion makers and public intellectuals. It is an integrated course in French language and Quebec History taught by cutting edge specialists in second language instruction and socio-cultural history.

Benefits

- Discover important elements of Quebec history and culture by interacting with well known scholars and public figures;
- Improve your French oral and written communication skills and develop your critical mind by listening, reading, debating and doing your academic assignments in French;
- Take advantage of a small class setting with the presence and expertise of two professors (one for the language component and one for the history component).

Prerequisites and Registration

Interested candidates must have a good intermediate level of French corresponding to either: TFI Basic Working Proficiency in French (www.etscanada.ca/pdf/eng/TFIresumescorerefinalforweb.pdf) or DELF 2 A5- A6 (CIEP); B2, Autonomie (European Council), or equivalent (www.edufle.net/Des-systemes-d-evaluation-en-FLE). Applicants must complete an admission test to ensure that they have the appropriate level to benefit from the course. An application package will be available at www.mcgill.ca/summer/special/quebecstudies. Written and oral tests are mandatory. Students who have successfully completed the written test will be scheduled for a phone interview. In order to create an ideal learning environment, only 25 students will be selected. Classes are from Monday to Friday from 9:30 a.m. to 12:30 p.m. Attendance is mandatory for all these sessions. To find out more about this course, please visit the website listed above, or contact Summer Studies at 514-398-5212.

6.1.4 Intensive English Program for Asian Students

3 WEEK PROGRAM: AUGUST 1 TO AUGUST 22, 2009

The English and French Language Centre of the Faculty of Arts in collaboration with McGill Summer Studies have been offering the Intensive English program for Asian Students since 1992. This program is designed for international students from Asian Universities who have some degree of proficiency in written English and who want to improve their listening, comprehension and oral communication skills. The weekday course schedule includes classes and workshops. Students are placed in groups based on their level of ability in English.

While at McGill, participants learn about Canadian culture in the classroom and beyond. In addition to classroom study, visits to museums and historic parts of the city of Montreal are planned. The monitors accompany the students on the social and cultural activities that follow each day's academic work. These activities are an integral part of the program, and are designed to allow students to practice their English in a wide variety of situations. Week-end optional trips and community activities with varied themes and

plenty of opportunity to discuss specific topics of interest with native speakers are also part of the program.

The monitors meet the students upon their arrival at the Airport in Montreal and live in residence with them for the duration of the program. They are McGill University students who are particularly interested in Asian affairs and enjoy the opportunity to discuss cultural similarities and differences with the visiting students. A very close relationship grows between students and monitors - one that often continues for many years.

Our program is staffed by outstanding instructors whose aim is to encourage the students to express themselves. Class participation is encouraged giving the students the opportunity to develop new interests and attain new skills, while developing confidence in their ability to communicate in English.

Contact: Summer Studies at 514-398-5212 or
summer.studies@mcgill.ca

Application Deadline: May 15, 2009

6.2 Desautels Faculty of Management

For the most up-to-date information concerning Summer Abroad courses, please consult the Class Schedule at
www.mcgill.ca/courses.

6.2.1 Summer Abroad Courses in Brazil

MRKT 434 TOPICS IN MARKETING 1. (3 credits)
 (Prerequisite: MGCR 352) (Summer Abroad course taught in Brazil.) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Current topics in marketing.

ORGB 380 CROSS CULTURAL MANAGEMENT. (3 credits)
 (Summer Abroad course taught in Brazil.) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Cross-cultural awareness and communication skills necessary to manage in multicultural organizations. Focus on the relationship between cultural values and communication style as they affect inter and intra cultural communication of managers, personnel and clients of multinational and multicultural organizations.

6.3 Faculty of Science

6.3.1 Off-Campus Field Courses

6.3.1.1 Biology

BIOL 240 MONTEREGIAN FLORA. (3 credits)
 (Prerequisite: BIOL 111 or permission) (Restriction: Not open to students who have taken BIOL 358 or PLNT 358) (Note: Taught at the Gault Nature Reserve. Contact instructor for specific dates, logistics: martin.lechowicz@mcgill.ca.) Field studies of ferns, fern allies, conifers and flowering plants; the use of keys for species identification.

Section 001 (06-Jul-2009/17-Jul-2009)

BIOL 335 MARINE MAMMALS. (3 credits)
 (Prerequisite: BIOL 205) Biology of marine mammals with special emphasis on seals and whales of the Bay of Fundy. Taught at the Huntsman Marine Science Centre, St. Andrews, N.B., for two weeks in August. The course combines lectures, laboratory exercises, field trips, and individual projects. Apply first to Huntsman; then contact susan.gabe@mcgill.ca to register on Minerva. Section 001 (17-Aug-2009/30-Aug-2009)

BIOL 573 VERTEBRATE PALAEOLOGY FIELD COURSE. (3 credits)

(Prerequisites: BIOL 304 and BIOL 352 or permission of instructor) (Notes: Spring field course with completed project and presenta-

tion by the end of the summer. Given in a selected Late Cretaceous Alberta and/or Saskatchewan site. Enrolment limited to 15 students.) Terrestrial vertebrate fossils (i.e., dinosaurs, crocodiles and other reptiles) and palaeocommunity analysis, including practical training with fossil identification, mapping, collecting, and stratigraphic interpretation.

Section 001 (18-May-2009/31-May-2009)

6.3.1.2 Earth & Planetary Sciences

EPSC 231 FIELD SCHOOL 1. (3 credits)
 (Prerequisite: EPSC 203, EPSC 212, or equivalent) Geological mapping of selected areas, preparation of maps, reports from field notes, aerial photographs, etc.

Section 001 (01-May-2009/15-May-2009)

EPSC 331 FIELD SCHOOL 2. (3 credits)

(Two week intensive field school to a range of national and international locations.) (Prerequisites: enrolment in U2 or U3 EPS program and permission of the instructor) (Alternates years with EPSC 341) Two week field studies in selected branches of the geosciences.

Section 001 (01-May-2009/15-May-2009)

6.3.1.3 Geography

GEOG 495 FIELD STUDIES - PHYSICAL GEOGRAPHY. (3 credits) (2-week field school) (Prerequisites: 6 credits from the following list of Systematic Physical Geography courses: GEOG 305, GEOG 321, GEOG 322, GEOG 350, GEOG 372) Field research projects in physical geography. Held locally in Monteregion or Eastern Township regions. The course is organised around field projects designed to formulate and test scientific hypotheses in a physical geography discipline. May summer session. Preregistration in Department required by March 16. Section 001 (18-May-2009/05-Jun-2009)

6.4 Faculty of Agricultural and Environmental Sciences

6.4.1 Barbados Interdisciplinary Tropical Studies Field Semester

(Pending University Approval)

Website: www.mcgill.ca/bits

The Barbados Interdisciplinary Tropical Studies (BITS) Field Semester is an activity-filled, hands-on, experience for students with an interest in international studies with a Caribbean flavour. The focus is on sustainable agri-food and energy production and nutrition on a tropical island with a tourist-based economy. It is offered annually (in the summer). It consists of three 2-hour orientation sessions conducted on the Macdonald Campus followed by three 3-credit and one 6-credit project course at Bellairs Research Institute in Barbados. This program integrates intensive course work with group project work and contributes to the formation of professionals with planning, managing, decision-making, and communication skills. The program addresses a global need for experienced professionals capable of interacting with various levels of government, non-governmental organizations, and the private sector.

Required Courses (15 credits)

AEBI 421	(3)	Tropical Horticultural Ecology
AEBI 423	(3)	Sustainable Land Use
AEBI 425	(3)	Tropical Energy and Food
AEBI 427	(6)	Barbados Interdisciplinary Project

For more information students should contact the Department of Plant Science, Telephone 514-398-7851.

6.5 Faculty of Medicine

6.5.1 Department of Epidemiology, Biostatistics and Occupational Health

24TH ANNUAL SUMMER SESSION IN EPIDEMIOLOGY & BIOSTATISTICS

May 4 - June 29, 2009

The Annual Summer Session in Epidemiology and Biostatistics offers health professionals the opportunity to gain familiarity with the principals of epidemiology and biostatistics. It also offers graduate students from McGill and other universities the opportunity to acquire academic credits and thereby accelerate course work during a summer term.

The 2009 Summer Session in Epidemiology and Biostatistics offers courses within the themes listed on the website. Courses are offered over 1, 2, and 4 weeks (refer to website for schedules and course descriptions: www.mcgill.ca/epi-biostat-occh/summer).

The language of instruction is English (unless otherwise stated), and students are advised that fluency in English is essential to benefit from the courses offered. However, students may submit their assignments and examinations in French.

The courses are intended for health professionals (e.g., physicians, nurses, respiratory therapists, psychologists, physical and occupational therapists, etc.) or professionals in related fields (e.g., industrial hygienists, environmental specialists, urban planners, engineers), as well as social and basic scientists.

Academic credits are available to graduate students, and to Residents and Fellows from Residency Training Programs at McGill and other universities. Physicians with a license from Canada or the U.S. can register for Continuing Medical Education (CME) units, fully accredited by the Committee on Accreditation of Canadian Medical Schools (CACMS) and by the Accreditation Council for Continuing Medical Education (ACCME) of the U.S.A. In addition, physicians coming from outside Canada or the U.S., as well as health and other professionals, can obtain a professional interest certificate. Tuition fees vary. Please contact the Student Affairs Office at:

McGill University, Faculty of Medicine
Department of Epidemiology, Biostatistics and Occupational Health
Purvis Hall, Room 27
1020 Pine Avenue West
Montreal, QC H3A 1A2

Telephone: 514-398-6258
Fax: 514-398-8851

Website: www.mcgill.ca/epi-biostat-occh/summer

STUDENTS SEEKING ACADEMIC CREDITS

Registration is via Minerva, McGill's web-based registration system, at www.mcgill.ca/minerva-students. Minerva course selection forms can be downloaded from the web.

6.6 Centre for Continuing Education

The Centre for Continuing Education is committed to lifelong learning and is dedicated to providing the highest quality programs and courses to meet the needs of the adult learner. A wide variety of programs and courses are offered leading to an undergraduate certificate, a graduate diploma or a graduate certificate. Students in Continuing Education programs can earn a certificate or diploma after completing ten 3-credit courses or for a graduate certificate — five 3-credit courses. The Centre is involved in cooperative educational activities with various professions and related industry groups. These associations frequently recognize our courses towards the completion of their program. For those who want to keep abreast of changes and developments in their profes-

sions, non-credit professional development courses, seminars and workshops are offered on a variety of topics.

6.6.1 Undergraduate Programs

6.6.1.1 Business and Professional Programs

- Certificate in Aboriginal Social Work Practice
- Certificate in Accounting
- Certificate in Entrepreneurship
- Certificate in Health and Social Services Management
- Certificate in Human Resources Management
- Certificate in Logistics Management
- Certificate in Management
- Certificate in Marketing
- Certificate in Northern Social Work Practice
- Certificate in Public Relations
- Certificate in Risk Management
- Certificate in Software Development
- Certificate in Systems Analysis and Design

Bachelor of Commerce (part-time)

6.6.1.2 Education

Programs for Qualified teachers:

- Bachelor of Education for Certified Teachers - (FNIE)
- Certificate in Aboriginal Education for Certified Teachers
- Certificate in Aboriginal Literacy Education
- Certificate in Education for First Nations and Inuit
- Certificate in First Nations and Inuit Educational Leadership
- Certificate in First Nations and Inuit Student Personnel Services
- Certificate in Inclusive Education
- Certificate in Middle School Education in Aboriginal Communities

Diploma Program

- Diploma in Human Relations & Family Life Education

6.6.1.3 Languages

- Certificate of Proficiency - English for Professional Communication
- Certificate of Proficiency - French for Professional Communication
- Certificate of Proficiency in English (Special Intensive English)
- Certificate of Proficiency in French (Special Intensive French)
- Certificate of Proficiency in Spanish
- Courses in Portuguese

6.6.1.4 Translation

- Certificate in Translation - English to French
- Certificate in Translation - French to English
- Certificate in Translation - Spanish to English
- Certificate in Translation - Spanish to French
- Certificate in Translation - English/French to Spanish

6.6.2 Graduate Programs

6.6.2.1 Business and Professional Programs

Diploma in Management in eleven concentrations

- Diploma in Management: E-Business
- Diploma in Management: Entrepreneurship
- Diploma in Management: Health Care
- Diploma in Management: Human Resources
- Diploma in Management: International Business
- Diploma in Management: Leadership
- Diploma in Management: Marketing
- Diploma in Management: Operations Management
- Diploma in Management: Public Relations
- Diploma in Management: Taxation
- Diploma in Management: Treasury-Finance

Graduate Certificates

- Graduate Certificate in Accounting Practice
- Graduate Certificate in E-Business
- Graduate Certificate in Entrepreneurship
- Graduate Certificate in Health Care Management
- Graduate Certificate in Human Resources Management
- Graduate Certificate in International Business
- Graduate Certificate in Leadership
- Graduate Certificate in Marketing
- Graduate Certificate in Operations Management
- Graduate Certificate in Public Relations Management
- Graduate Certificate in Taxation
- Graduate Certificate in Treasury Finance

Diploma Programs

- Diploma in Accounting
- Diploma in E-Business
- Diploma in Human Resources Management
- Diploma in Information Technology
- Diploma in Management: General
- Diploma in Public Relations Management

Education

- Graduate Certificate in Counselling Applied to Teaching

Translation

- Graduate Diploma in Translation - English to French
- Graduate Diploma in Translation - French to English
- Graduate Diploma in Translation - Spanish to English
- Graduate Diploma in Translation - Spanish to French

6.6.2.2 General Studies

Courses and Seminars in:

- Chemistry
- Project Management
- Effective Public Speaking
- Intellectual Property
- Pharmaceutical Industry
- Industrial Process Control and Automation

For more information:

McGill University
Centre for Continuing Education
688 Sherbrooke Street West, 11th floor
Montreal, Quebec
H3A 3R1

Telephone: 514-398-6200

Fax: 514-398-4448

Email: info.conted@mcgill.ca

Website: www.mcgill.ca/conted

Course Information, Regulations and Descriptions

Agricultural and Environmental Sciences

FDSC-Food Science

Offered by: Food Science & Agr-Chemistry

FDSC 480 Industrial Stage/Food.

(12) (Summer) (Note: Open to students who have a minimum of 60 credits in the Double Major Food Science/Nutrition Science or permission of department.) Stage with an approved host organization in the food industry.

NUTR-Nutrition and Dietetics

Offered by: Dietetics & Human Nutrition

NUTR 200 Contemporary Nutrition.

(3) (Summer) (Restriction: Not open for credit to students with a biology or chemistry course in their program, or to students registered in the School of Dietetics and Human Nutrition, or to students who take NUTR 207.) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Provides students without a biology/chemistry background with the fundamental tools to critically assess nutrition related information, to evaluate their own diets, and to implement healthy changes. Emphasis is on current issues and maximizing health and disease prevention at different stages of the lifecycle.

‡ NUTR 209 Professional Practice Stage 1B.

(3) (Summer) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Directed, supervised experiences in nutrition services and food service operations management; integration into the professional team.

‡ NUTR 311 Stage in Dietetics 2B.

(5) (Summer) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Two interrelated modules of directed experience in normal and clinical nutrition and foodservice management, in health care settings and the private sector.

NUTR 480 Industrial Stage/Nutrition.

(12) (Note: Open to students who have a minimum of 60 credits in the Double Major Food Science/Nutritional Science or permission of department.) Stage with an approved host organization in the nutrition product industry.



For academic information about a specific course (pre-requisites, placement tests, obtaining departmental approval, etc.), please contact the unit the course is offered by. A list of contacts is available in the Course Information section.

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* Denotes courses taught only in alternate years.

‡ Professional Practice (Stage) in Dietetics involving special prerequisites

◆ Indicates that departmental approval/permission must be obtained by a student prior to registration.

† Denotes courses not available as Education electives.

□ Denotes courses with limited enrolment.

● Denotes courses not offered by the Faculty of Arts or Faculty of Science in 2009-10.

▲ Denotes courses offered by the Faculty of Education which, if appropriate to the student's program, may be included in the academic concentration.

* Denotes courses which, because they are scheduled around practice teaching, are open only to Bachelor of Education students.

Faculty of Arts

ANTH-Anthropology

Offered by: Anthropology

ANTH 201 Prehistoric Archaeology.

(3) (Summer) Examination of the origin of cultural behaviour and culture as an adaptive mechanism from the earliest times to the rise of the first civilizations in the Old and New Worlds. The implications of these data concerning the nature of humans and their future development will be considered.

ANTH 212 Anthropology of Development.

(3) (Summer) Processes of developmental change, as they affect small communities in the Third World and in unindustrialized parts of developed countries. Problems of technological change, political integration, population growth, industrialization, urban growth, social services, infrastructure and economic dependency.

ANTH 227 Medical Anthropology.

(3) (Summer) Beliefs and practices concerning sickness and healing are examined in a variety of Western and non-Western settings. Special attention is given to cultural constructions of the body and to theories of disease causation and healing efficacy. Topics include international health, medical pluralism, transcultural psychiatry, and demography.

ARTH-Art History

Offered by: Art History & Communication St

ARTH 207 Early Modern Art (1400-1700).

(3) (Summer) Survey of the visual culture of early modern Europe (1400-1700), including selected works in their historical context and explore the uses of visual forms in the formation of identities across various social spheres and geographical locations.

CLAS-Classics

Offered by: History

CLAS 210 Introductory Latin 1.

(6) (Summer) A course for beginners.

CLAS 348 Greek and Roman Topography.

(3) (Summer) (Prerequisite(s): One of CLAS 200, CLAS 203, CLAS 208, HIST 205, HIST 231, or permission of instructor) (This course taught in Italy - please refer to www.mcgill.ca/italian - deadline April 3, 2009) Selected physical sites, monuments and locales of the ancient Greek and Roman World using the evidence of archaeology, history and literature. Sites will vary yearly, and may include cities, cult and burial precincts, sanctuaries, battlefields and places of memory and literary inspiration.

COMS-Communication Studies

Offered by: Art History & Communication St

COMS 200 History of Communication.

(3) (Summer) (Restriction: Not open to students who have ENGC 200.) The social and cultural implications of major developments in communications from prehistory to the electronic era. Thematic and conceptual introduction to the underlying media technologies and to some key issues and practices of historical thinking about their role in society.

EAPR-English for Academic Purposes

Offered by: English&French Language Centre

★EAPR 250 Research Essay & Rhetoric.

(3) (Summer) (3 hours) (Intended for native speakers of English. For students in all years and faculties.) (Entrance test: Short essay first day of class.) (Restrictions: Not open to students who have taken or are taking ESLN 500. Not open to students who have taken EFRL 250.) (Students who complete EAPR 250 may not subsequently take for credit an Effective Communication course offered by the Faculty of Education) Principles and use of academic research and genres, rhetorical

strategies, and general editing skills.

EAST-Asian Language & Literature

Offered by: East Asian Studies

EAST 230 First Level Chinese.

(9) (Summer - Section 001 (01-May-2009/14-Jul-2009)) (Requires departmental approval.) Introduction to the basic structures of Mandarin Chinese, Pin-yin romanization and 750 characters for reading and writing. Emphasis on developing aural and oral skills through communication games and interaction activities. Animated films are used as part of teaching materials.

EAST 240 First Level Japanese.

(9) (Summer - Section 001 (01-May-2009/14-Jul-2009)) (Requires departmental approval.) Introduction to the basic grammar and sentence patterns of the Japanese language in both oral and written forms. In reading and writing skills students will be introduced to katakana, hiragana and kanji.

ECON-Economics

Offered by: Economics

ECON 208 Microeconomic Analysis and Applications.

(3) (Summer - Section 001 (04-May-2009/03-Jun-2009)) (Restriction: Not open to students who have taken or are taking ECON 230 or ECON 250) A university-level introduction to demand and supply, consumer behaviour, production theory, market structures and income distribution theory.

ECON 209 Macroeconomic Analysis and Applications.

(3) (Summer - Section 001 (04-Jun-2009/07-Jul-2009)) (Prerequisites: ECON 208 or permission of the instructor) (Restriction: Not open to students who have taken or are taking ECON 330 or ECON 352) A university-level introduction to national income determination, money and banking, inflation, unemployment and economic policy.

ECON 227 Economic Statistics.

(6) (Summer - Section 001 (04-May-2009/26-Jun-2009)) (You may not be able to receive credit for this course and other statistic courses. Be sure to check the Course Overlap section under Faculty Degree Requirements in the Arts or Science section of the Calendar.) Distributions, averages, dispersions, sampling, testing, estimation, correlation, regression, index numbers, trends and seasonals.

ECON 480 Research Project.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Summer - Section 003 (08-Jul-2009/06-Aug-2009)) (Restrictions: Open to U3 students only. Students must complete a Research Project Registration Form, have it signed by the professor who has agreed to supervise the research project, countersigned by an advisor, and submit it to the Department Office in Leacock 443 prior to registering in this course. A student cannot take this course more than once for credit.) In this course students must undertake a research project under close supervision. They must also do such special reading and research as their advisers direct.

ECON 481 Research Project.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Summer - Section 003 (08-Jul-2009/06-Aug-2009)) (Restrictions: Open to U3 students only. Students must complete a Research Project Registration Form, have it signed by the professor who has agreed to supervise the research project, countersigned by an advisor, and submit it to the Department Office in Leacock 443 prior to registering in this course. A student cannot take this course more than once for credit.) In this course students must undertake a research project under close supervision. They must also do such special reading and research as their advisers direct.

ENGL-English

Offered by: English

ENGL 215 Introduction to Shakespeare.

(3) (Summer) A study of a selection of plays, in their intellectual and theatrical context, with an emphasis on the interplay of text and performance.

ENGL 227 American Literature 3.

(3) (Summer) A study of literary works which may be thematic or may deal with a special group of authors.

ENGL 229 Canadian Literature 2.

(3) (Summer) A chronological survey of Canadian literature, Part 2. A continuation of ENGL 228.

ENGL 277 Introduction to Film Studies.

(3) (Summer) (Restriction: Cultural Studies Major and Honours program students.) An introduction to key concepts in film studies. Exemplary works from the history of film will be studied to introduce students to such topics as the aesthetics of film; sound's production of meaning; film as narrative; film and genre; period and national cinemas; film's role in culture.

ESLN-English as a Second Language

Offered by: English&French Language Centre

ESLN 299 ESL: Academic English Seminar.

(3) (Summer) (Restriction: Open only to students whose first language is not English and who are newly admitted at McGill (into Year 0 or Year 1) to a Bachelor program in the following fall. The course is designed to assist these new students integrate into the English language milieu at McGill. Classroom instruction, and language laboratory required: 5 hours per week (approximately) outside class time.) (Restriction: Ce cours s'adresse aux étudiants dont la langue maternelle n'est pas l'anglais et qui sont nouvellement admis (en première année d'université) à McGill à un programme de 1er cycle à l'automne suivant. Il est conçu pour faciliter leur intégration dans le milieu anglophone de McGill. Cours réguliers, et laboratoire de langue obligatoire; 5 heures par semaine en dehors des heures de cours.) With materials from across the curriculum the course prepares students to meet the expectations of the university classroom: note taking and summary of lectures; paraphrase and summary of written and multimedia materials; oral and seminar presentations. Development of critical thinking, reading, writing, listening, and speaking skills and strategies. Au moyen de documents tirés de divers programmes offerts à McGill, ce cours prépare les étudiants aux exigences des cours universitaires : prendre des notes, faire des exposés oraux, résumer (cours magistraux, documents oraux, écrits et multimédias). Développement du raisonnement critique, lectures, écoutes, rédactions, habiletés et stratégies de communication.

FREN-French

Offered by: French Language & Literature

FREN 245 Grammaire avancée.

(3) (Summer) (Préalable: test. Pas de préalable ni autorisation départementale pour la section hiver réservée aux étudiants de la Faculté d'éducation. Autorisation départementale requise.) Cours entièrement consacré à la révision systématique des principales difficultés de la langue française.

FRSL-French as a Second Language

Offered by: English&French Language Centre

FRSL 101 Beginners' French.

(6) (Summer) (Language laboratory and oral practice with a French monitor) (Prerequisite: Placement test) (Restriction: Not open to students who have taken FRSL 201 or FRSL 205) A comprehensive introduction to basic vocabulary, grammatical structures and speech patterns of written and oral French for students in any degree program having no previous knowledge of French. Learning to communicate at a functional level in a French social milieu, short essays, cultural readings, mandatory lab practice and conversation class.

FRSL 207 Elementary French 01.

(6) (Summer) (Language laboratory) (Prerequisite: Placement test) (Restriction: Not open to students who have taken Grade 12 or 13 French in Canada, or equivalent) Review and further training in basic structures, with emphasis on oral expression and listening comprehension. Awareness of French culture developed through audio-visual material and selected readings.

FRSL 211 Oral and Written French 1.

(6) (Summer) (Language laboratory) (Prerequisite: Placement test. Open to students in any degree program having an elementary knowledge of French and to those who have completed FRSL 207) (Restriction: Not open to students from Québec) Language lab attendance required. Grammar review, comprehension, vocabulary development, selected readings and group discussions.

FRSL 321 Oral and Written French 2.

(6) (Summer) (Prerequisite: Placement test. For those having taken FRSL 211 or equivalent) Oral work involving discussion and exposés, cultural and literary readings, grammar review. Methodological component integrated in classwork and developed in frequent workshop sessions.

FRSL 431 Français fonctionnel avancé.

(6) (Summer) (Préalable: test de classement) (Les étudiants qui ont suivi le cours FRSL 400, FRSL 402 ou FRSL 432 ne seront pas admis) Destiné aux étudiants de niveau avancé qui veulent approfondir leurs connaissances lexicales, syntaxiques et culturelles afin de pouvoir exprimer avec clarté leurs opinions sur une variété de sujets. Par l'étude de journaux, revues et textes littéraires, les étudiants se familiariseront avec la réalité québécoise contemporaine.

GERM-German

Offered by: German Studies

GERM 202 German Language, Beginners'.

(6) (Summer) (6 hours, plus 1 hour laboratory) A comprehensive first level course designed to develop communicative skills.

GERM 307 German Language - Intermediate.

(6) (Summer) (6 hours) (Prerequisite: GERM 202 or GERM 200, or equivalent, or permission of Department) Review of grammar, further development of basic skills; literary and cultural readings.

HISP-Hispanic Studies

Offered by: Hispanic Studies

HISP 210 Spanish Language: Beginners'.

(6) (Summer) (Restriction: Not open to students who have taken HISP 218 or equivalent) (7 hours weekly, including laboratory) A comprehensive first-level course focusing on all oral and written skills. An introduction to the fundamentals of

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‡ Professional Practice (Stage) in Dietetics involving special prerequisites

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† Denotes courses not available as Education electives.

□ Denotes courses with limited enrolment.

● Denotes courses not offered by the Faculty of Arts or Faculty of Science in 2009-10.

▲ Denotes courses offered by the Faculty of Education which, if appropriate to the student's program, may be included in the academic concentration.

* Denotes courses which, because they are scheduled around practice teaching, are open only to Bachelor of Education students.



Spanish grammar and syntax and to Hispanic culture.

HISP 219 Spanish Language Intensive - Intermediate.

(6) (Summer) (7 hours weekly, including laboratory) (Prerequisite: HISP 210 or 210D1/D2 or HISP 218 or equivalent.) (Restriction: Departmental approval required) (Preference will be given to students in their first year of university study) (Restriction: Not open to students who have taken HISP 220D1/HISP 220D2 or equivalent) A thorough review of Spanish grammar with emphasis upon current usage. Enrichment of all language skills, with a goal of proficiency in written and oral communication, through readings in the literature and civilization of Spain and Spanish America.

HIST-History

Offered by: History

HIST 203 Survey: Canada since 1867.

(3) (Summer) A survey of the development of Canada from Confederation to the present day. Social, economic and political history will be examined in a general way.

HIST 360 Latin America since 1825.

(3) (Summer) Themes in the political, economic, and social development of Latin America since the wars of independence. Emphasis on the domestic history of the region, with some attention to relations with the United States and Europe.

HIST 413 Independent Reading.

(3) (Summer) (Prerequisite: Written permission) (Restriction: Open to History Major Concentration students only. Students may register in this course only once) Exceptionally, and under the direction of a member of staff, advanced and highly qualified students who have an extensive background in the proposed area of study, may pursue this independent study.

HIST 499 Internship: History.

(3) (Summer) (Prerequisite: Permission of the departmental Internship Advisor.) (Restriction: Open to U2 and U3 students with a minimum CGPA of 2.7, and permission of the departmental Internship Advisor.) Internship with an approved host institution or organization.

INTD-International Development

Offered by: Arts - Dean's Office

INTD 491 Research Project.

(3) (Summer) (Restriction: Open only to U3 Honours and Joint Honours students.) Supervised reading and preparation of a research project under the direction of a member of staff.

INTD 492 Honours Thesis.

(6) (Summer) (Restriction: Open only to U3 Honours and Joint Honours students.) (Restriction: Permission of an appropriate supervising instructor and program adviser required.) Supervised reading and preparation of a research report under the direction of a member of staff.

INTD 497 Research Seminar on International Development.

(3) (Restriction: Open only to students in final year of an IDS Concentration) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) An interdisciplinary research seminar on topics of common interest to staff and students of the International Development Studies programs. See <http://www.mcgill.ca/ids/courseinfo/intd497>

INTD 499 Internship: International Development Studies.

(3) (Summer) (Restriction: Open to U2 and U3 students with a minimum CGPA of 2.7, and permission of the departmental Internship Advisor. This course will not normally fulfill program requirements for seminar or 400-level courses. A letter from a supervisor at the institution must attest to successful completion of the student's tenure.) Internship with an approved host institution or organization.

ITAL-Italian

Offered by: Italian Studies

ITAL 206 Beginners' Italian Intensive.

(6) (Summer) (6 hours and 1 hour laboratory) (Restriction: Not open to students who have taken ITAL 205D1/ITAL 205D2) Designed to cover in one term the same material as ITAL 205D1/ITAL 205D2. The Summer term will also be given in Florence, Italy, as part of McGill's Summer courses in Italy program.

ITAL 216 Intermediate Italian Intensive.

(6) (Summer) (6 hours) (Prerequisite: ITAL 205D1/ITAL 205D2 or ITAL 206 or permission of the Department) (Restriction: Not open to students who have taken ITAL 210) Course designed to cover in one term the same material as ITAL 215D1/ITAL 215D2. Direct continuation of ITAL 206. The Summer term will be given in Florence, Italy, as part of McGill's Summer courses in Italy program.

ITAL 306 Advanced Reading and Composition.

(6) (Summer) (Prerequisite: ITAL 215D1/ITAL 215D2, ITAL 216, or equivalent) Course is given in Florence, Italy, as part of McGill's Summer Study in Italy program. The understanding of grammatical structures through a variety of exercises; paraphrasing, translating, composition and discussion. Particular emphasis will be placed on syntax through the study of contemporary texts.

ITAL 307 Topics in Italian Culture.

(3) (Summer) (Section 001 given in English, section 002 and 003 given in Italian) (Prerequisite: ITAL 215D1/ITAL 215D2 or ITAL 216, or equivalent) Discourses of Love in Renaissance Florence. Course is given in Florence, Italy, as part of McGill's Summer Study in Italy program. Selected topics in Italian culture (topics may vary and may concentrate on one or more of the following areas: geography, history, music, art history, political science and/or literature).

ITAL 308 Business Italian 1.

(3) (Summer) (Prerequisite: ITAL 215D1/ITAL 215D2 or ITAL 216 or equivalent) Course is given in Florence, Italy, as part of McGill's Summer Study in Italy program. It focuses on the terminology, idiomatic expressions and syntax of Italian business language. Topics, such as workplace in Italy, credit institutions, chamber of commerce and its role, industrial associations, will be used to help develop and improve written and oral communication skills as they relate to the business world.

ITAL 309 Perspectives on Italy.

(3) (Summer) Florence and the Shaping of the Modern Imagination Course is given in Florence, Italy, as part of McGill's Summer Study in Italy program. A study of various topics relating to the perception of Italy, the country, its people and their culture as seen by foreign and/or Italian writers. Course to be taught in English.

LING-Linguistics

Offered by: Linguistics

LING 200 Introduction to the Study of Language.

(3) (Summer - Section 001 (04-Jun-2009/07-Jul-2009)) (No prerequisite) General interest course; intended for students in all fields. Topics include: linguistic competence vs. performance, language and the brain, language acquisition, sociolinguistics, historical linguistics, language universals, pragmatics.

LING 201 Introduction to Linguistics.

(3) (Summer - Section 001 (04-May-2009/03-Jun-2009)) (No prerequisite.) Primarily for students intending to take further courses in linguistics. Topics include: phonetics, phonology, morphology, syntax, and semantics. Students will be introduced to techniques of linguistic analysis.

MUAR-Music-Arts Faculty

Offered by: Music Research

MUAR 201 Basic Materials: Western Music.

(3) (Summer) (3 hours) A combination of elementary theory and ear training (sightsinging and aural recognition), and basic piano skills. Topics include: notation of pitch and rhythm, intervals, scales and modes, concept of key, triads and seventh chords, introductory melody and accompaniment writing.

MUAR 211 The Art of Listening.

(3) (Summer) (3 hours) An introduction to the major forms and styles in Western music from the baroque to the present, with emphasis on guided listening in the classroom. The ability to read music is not a prerequisite.

MUAR 392 Popular Music after 1945.

(3) (Summer) (3 hours) (Prerequisite: MUAR 201 or MUAR 211 or permission of instructor) An historical survey of major artists, genres, and styles in the most widespread traditions of postwar commercial music. The course will include practice in techniques of listening, discussion of the shaping institutions of commercial music, and consideration of the interaction of musical style and culture.

PHIL-Philosophy

Offered by: Philosophy

PHIL 200 Introduction to Philosophy 1.

(3) (Summer) (Philosophy students may use either PHIL 200 or PHIL 201 towards their program requirements, but not both. Students may, however, take both for credit (using the second as an elective), as the content in PHIL 201 does not overlap with PHIL 200) A course treating some of the central problems of philosophy: the mind-body problem, freedom, scepticism and certainty, fate, time, and the existence of God.

PHIL 210 Introduction to Deductive Logic 1.

(3) (Summer) (Restriction: Not open to students who are taking or have taken MATH 318) An introduction to propositional and predicate logic; formalization of arguments, truth tables, systems of deduction, elementary metaresults, and related topics.

PHIL 237 Contemporary Moral Issues.

(3) (Summer) An introductory discussion of central ethical questions (the value of persons, or the relationship of rights and utilities, for example) through the investigation of currently disputed social and political issues. Specific issues to be discussed may include pornography and censorship, affirmative action, civil disobedience, punishment, abortion, and euthanasia.

POLI-Political Science

Offered by: Political Science

POLI 244 International Politics: State Behaviour.

(3) (Summer) (Note: The field is International Politics.) Offers a comprehensive introduction to the behaviour of nation states. Explores how states make foreign policy decisions and what motivates their behaviour. Other covered topics include the military and economic dimensions of state behaviour, conflict, cooperation, interdependence, integration, globalisation, and change in the international system.

POLI 311 Techniques of Empirical Research.

(3) (Summer) An introduction to empirical political research. Among the topics considered are the formulation of research problems, the selection of samples, interviewing, questionnaire construction, and the analysis and interpretation

of data.

POLI 339 Comparative Developed: Topics 1.

(3) (Summer) (Prerequisite: a basic course in Comparative Politics or written permission of the instructor) (Note: The area in the field of Comparative Politics is Developed Areas.) Topic Summer 2009: Can the European Welfare State Survive? Exploration of the welfare state in Europe: its origins, evolution, and recent challenges. The first half of the course will look at the historical emergence of the welfare state, including the evolution of the role of the state in Europe; while the second half will focus on the retrenchment of the welfare state, the role of the European Union, and the new demographic and fiscal challenges. The Italian case will also be explored in comparative context, and relevant site visits are planned. For specific details about course content, please consult Prof. M. Brawley and Prof. A. Maioni, Department of Political Science. Selected aspects of politics in developed countries.

POLI 352 International Policy/Foreign Policy: Africa.

(3) (Summer)

POLI 379 Topics in Canadian Politics.

(3) (Summer) (Prerequisite: A basic course in Canadian Government and Politics) (Note: The field is Canadian Politics.) Topics in Canadian politics.

POLI 431 Nations and States/Developed World.

(3) (Summer) (Prerequisite: POLI 211 or POLI 212 or POLI 328) (Note: The area in the field of Comparative Politics is Developed Areas.) The role of nationalism in European and North American political development. Topics include: nationalism and state-formation, secession and sub-state nationalism, war and nationalism, federal and consociational arrangements in multi-national societies.

POLI 451 The European Union.

(3) (Summer) (Prerequisite: one course each in International Relations and Comparative Politics) (Note: The area in the field of Comparative Politics is Developed Areas; also in the field of International Politics.) The emergence of the EU and its innovative institutions and policies will be studied through lectures, discussions, and a simulation (of a European Council or Parliament session). Emphasis upon current debates about the EU's developing identity, its internal political economy, its institutions of 'multilevel' governance, and its external relation.

POLI 490 Independent Reading and Research 1.

(3) (Summer) Final year Honours students wishing to pursue a specialized interest will be allowed to undertake a program of independent reading and/or research in that area under the supervision of a member of staff. Such programs may be undertaken by students either individually or in small groups. It is the responsibility of the student to obtain the instructor's consent prior to registration.

POLI 499 Honours Essay.

(3) (Summer) (Restriction: Open to Honours students only) Regular meetings between students and professors, the writing of a well researched essay and its oral defense. The essay should demonstrate some experience with primary sources, the ability to explore various theoretical perspectives as well as to organize and present a set of arguments in a systematic and thorough manner.

POLI 599 Internship: Political Science.

(3) (Summer) (Restriction: Open, with permission, to final year Honours and Joint Honours students, and graduate students. This course does not count as a 500-level seminar under the Honours requirements) The internship shall consist of a minimum of 150 hours of work over a period of 12 weeks, plus a major research project based on the internship. The major project will

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ordinarily consist of a major research paper, plus a substantial written record of the work conducted during the internship.

QCST-Quebec Studies

Offered by: Arts - Dean's Office

QCST 336 Quebec Studies Summer Seminar.

(6) (Summer) (Prerequisite: Intermediate level placement test required or permission of the instructor.) (Restrictions: Designed for non-Quebec and non-francophone students. Intermediate proficiency in French is required. Placement test is required. Enrolment is limited to 25 students. Not open to students who have taken FRSL 326 or QCST 300.) This intensive course, mainly in French, introduces non-Quebec students to Quebec and Montreal's history and culture. Special emphasis on French-language skills. Students attend lectures and seminars by instructors and invited experts. Weekend cultural activities will reinforce course themes.

SOCI-Sociology

Offered by: Sociology

SOCI 210 Sociological Perspectives.

(3) (Summer) Major theoretical perspectives and research methods in sociology. The linkages of theory and method in various substantive areas including: the family, community and urban life, religion, ethnicity, occupations and stratification, education, and social change.

SOCI 211 Sociological Inquiry.

(3) (Summer) (Prerequisite or Corequisite: SOCI 210) An introductory review of methods of sociological research including research design, elementary quantitative data analysis, observation, and use of official statistics. Detailed examination of published examples of the use of each of the major techniques of data analysis and collection.

SWRK-Social Work

Offered by: Social Work

SWRK 224 Human Development Across the Lifespan.

(3) (Summer) (Restrictions: Limited to BSW U1, 2-year BSW students, and Special/Visiting students) Physical, cognitive, emotional, behavioural and social development in different stages of the life course with a focus on childhood and adolescence. Human development in different social contexts. Theory and research as it relates to social work practice.

SWRK 322 Field Practice 1.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Restrictions: Limited to BSW students. Not open to students who have taken SWRK 355.) Supervised educational experiences in social work practice designed to integrate practice and theory.

SWRK 323 Field Practice 2.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Prerequisite: SWRK 322) (Restrictions: Limited to BSW students. Not open to students who have taken SWRK 356.) Supervised educational experiences in social work practice designed to integrate practice with theoretical knowledge.

SWRK 420 Advanced Field Practice 1.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Prerequisite: SWRK 323) (Restriction: Limited to BSW students) Supervised educational experience in social work practice at an advanced level.

SWRK 421 Advanced Field Practice 2.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Restriction: Limited to BSW U3 and 2-year BSW students completing their last practicum.) Supervised educational experience in social work practice at an advanced level.

SWRK 423 Social Work Research.

(3) (Summer) (Restrictions: Limited to BSW U3 students. Not open to students who have taken SWRK 401) Appraising and analyzing social work practice research, including the perspectives of the authors, the literature reviewed, the practice questions, the research methodology and analysis and the implications of the findings for practice.

SWRK 471 Tutorial in Social Work Research.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Prerequisite: SWRK 401 or equivalent) (Restriction: Limited to BSW U3 and 2-year BSW students) Opportunity for interested students to conduct a small-scale practical research project, either individually or in a small group, with tutorial assistance from staff members.

SWRK 485 Tutorial: Social Work Practice.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Restriction: Limited to BSW U3 and 2-year BSW students) An individual or small group tutorial in which students will work independently in conjunction with the instructor. The student will undertake a project related to the area of specialization.

SWRK 486 Tutorial in Social Policy.

(3) (Summer - Section 001 (01-May-2009/03-Jun-2009)) (Summer - Section 002 (04-Jun-2009/07-Jul-2009)) (Restriction: Limited to BSW U3 and 2-year BSW students) An individual or small group tutorial in which students will work independently in conjunction with the instructor. The student will undertake a project related to the area of specialization.

WMST-Women's Studies

Offered by: Arts - Dean's Office

WMST 200 Introduction to Women's Studies.

(3) (Summer) An introduction to the interdisciplinary field of Women's Studies from historical and contemporary perspectives, this course will explore key concepts, issues and modes of analysis based on the intersection of gender with factors such as race, ethnicity, class, religion, and sexuality.

Faculty of Education

EDEA-Arts Education

Offered by: Integrated Studies in Ed

EDEA 206 1st Year Professional Seminar.

(1) (Summer) (Corequisite: EDFE 205) This seminar along with First Year Field Experience Music serves as an orientation to the culture of the school and to teaching as a profession. Emphasis is on the general functioning of elementary and secondary schools. Topics include the role of the arts in the curriculum.

☐†EDEA 342 Curriculum and Instruction in Drama Education.

(3) (Summer) Pedagogical theory and practical applications in the teaching of developmental drama, dramatic forms, improvisation and theatre arts.

☐▲EDEA 496 Sculpture 1.

(3) (Summer) An investigation of basic sculpture methods and concepts with a view toward developing personal aptitudes. Development of three-dimensional thinking through direct experience with processes using new and traditional materials.

☐▲EDEA 497 Sculpture 2.

(3) (Summer) (Prerequisite: EDEA 496) Further exploration of processes introduced in Sculpture 2 plus an introduction to constructive sculpture.

EDEC-Curriculum and Instruction

Offered by: Integrated Studies in Ed

EDEC 201 First Year Professional Seminar.

(1) (Summer) (Corequisite: EDFE 200) (Restriction: Open to B.Ed. Secondary and B.Ed. K/Elem. students only) Orientation to the culture of the school and to teaching as a profession, focusing on the general functioning of schools. Professional portfolios will be introduced.

EDEC 205 Communication in Management 1.

(3) (Summer) (Restriction: Placement test required) (Restriction: B.Com. students who have not taken EDES 201 or EDEC 202) (Because this course uses a workshop format, attendance at first class is desirable.) Written and oral communication in Management (in English): emphasis on strategies for identifying, analyzing and solving writing and speaking problems. Course work based on academic and professional communication in management.

EDEC 206 Communication in Engineering.

(3) (Summer) (Limited enrolment) (Restriction: B.Eng. students who have not taken EDES 201 or EDEC 202) (Because this course uses a workshop format, attendance at first class is desirable.) Written and oral communication in Engineering (in English): strategies for generating, developing, organizing, and presenting ideas in a technical setting; problem-solving; communicating to different audiences, editing and revising; and public speaking. Course work based on academic, technical, and professional writing in engineering.

EDEC 215 English Language Requirement.

(0) (Summer) The English language proficiency test is a program requirement that must be completed in the first term. Anyone who fails the test must re-take and pass it prior to the third-year field experience. Anyone who is unsuccessful after two attempts must withdraw from the program.

EDEC 247 Policy Issues in Quebec Education.

(3) (Summer) (Restriction: Not open to students who have taken EDEM 405.) This course examines the organization of education in Quebec from various perspectives, including historical, political, social and legal. It aims to provide students with sufficient knowledge that they can begin the

life-long learning process of a professional educator, aware of, and contributing to, the policy talk on school.

EDEC 253 Second Professional Seminar (Kindergarten/Elementary).

(1) (Summer) (Corequisite: EDFE 256) (Restriction: Open to B.Ed(K/Elem) students) Preparation for the second field experience through development of basic practices in planning and teaching in elementary school classrooms. Professional portfolios and competencies will be addressed.

EDEC 254 Second Professional Seminar (Secondary).

(1) (Summer) (Corequisite: EDFE 254) (Restrictions: Open to B.Ed (Sec) and concurrent B.Sc./B.Ed. students) Preparation for the second field experience through development of basic practices in planning and teaching in Secondary school classrooms. Competencies and Professional portfolios will be addressed.

EDEE-Elementary Education

Offered by: Integrated Studies in Ed

▲ EDEE 473 Ecological Studies.

(3) (Summer) (Offered through Summer Studies 2009) A lecture, laboratory and field course to train elementary school teachers in the principles and practices of field biology and nature tours. The observation and identification of various organisms and a study of their ecological relationships in the web of life.

EDER-Religious Studies

Offered by: Integrated Studies in Ed

☐▲EDER 309 The Religious Quest.

(3) (Summer) An approach to the study of religious experience as expressed in humanity's major religious traditions, especially Christianity, Judaism, Islam, Hinduism and Buddhism.

EDFE-Student Teaching

Offered by: Education - Dean's Office

EDFE 200 First Field Experience (K/Elem & Secondary).

(2) (Summer) (Corequisite: EDEC 201) (Restriction: Open to B.Ed. Secondary and B.Ed. K/Elem. students) (Special registration dates February 5 to February 27, 2009) Students are assigned to a school for a "participant observer" field experience for a minimum of 10 days.

EDFE 205 First Field Experience (Music).

(2) (Summer) (Corequisite: EDEA 206) (Special registration dates February 5 to February 27, 2009) Ten days of observation and some limited teaching in an elementary school under the supervision of a cooperating music teacher.

EDFE 208 Second Field Experience (Music).

(3) (Summer) (Prerequisite: EDFE 205.) (Restrictions: Students in B.Ed. in Music and concurrent B.Ed./B.Mus. Not open to students who have taken EDFE 207.) (Note: Expectations for this field experience, according to your program can be found at www.mcgill.ca/ost.) (Special registration dates February 5 to February 27, 2009) A minimum of 15 days of supervised teaching in a school.

EDFE 246 First Field Experience (Physical Education).

(3) (Summer) (Prerequisite: EDPK 342) (Note: Expectations for this field experience, according to your program, can be found at www.mcgill.ca/ost.) (Special registration dates February 5 to February 27, 2009) A minimum of 15 days of supervised student teaching in Physical

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Education in an elementary school.

EDFE 254 Second Field Experience (Secondary).

(3) (Summer) (Prerequisite: EDEC 201 and EDFE 200) (Note: Expectations for this field experience, according to your program, can be found at www.mcgill.ca/ost/.) (Special registration dates February 5 to February 27, 2009) A minimum of 15 days of supervised student teaching in a school.

EDFE 255 Second Field Experience (TESL).

(3) (Summer) (Prerequisites: EDSE 210, EDFE 209.) (Corequisite: EDSE 255) (Restrictions: Open only to B.Ed. TESL students. Not open to students who have taken or are taking EDFE 259.) (Note: Expectations for this field experience, according to your program, can be found at www.mcgill.ca/ost/.) (Special registration dates February 5 to February 27, 2009) A minimum of 15 days of supervised student teaching in a school.

EDFE 256 Second Field Experience (Kindergarten/Elementary).

(3) (Summer) (Prerequisites: EDEE 275, EDEE 223, EDEE 250, EDEE 282, EDEE 332, EDFE 200, EDEC 201.) (Restrictions: B.Ed (K/Elementary) students. Not open to students who have taken EDFE 253.) (Note: Expectations for this field experience, according to your program can be found at www.mcgill.ca/ost/.) (Special registration dates February 5 to February 27, 2009) A minimum of 15 days supervised student teaching in a school.

EDFE 373 Second Field Experience (Physical Education).

(3) (Summer) (Prerequisite: EDFE 246) (Note: Expectations for this field experience, according to your program, can be found at www.mcgill.ca/ost/.) (Special registration dates February 5 to February 27, 2009) A minimum of 15 days of supervised student teaching in Physical Education in a secondary school.

EDKP-Kinesiology&Physical Education

Offered by: Kinesiology and Physical Ed

EDKP 236 Softball.

(1) (Summer) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.)

EDKP 336 Lacrosse.

(1) (Summer) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.)

EDPC-Ed Psych & Couns (Counselling)

Offered by: Educational&Counselling Psych

EDPC 503 Human Sexuality: Professionals.

(3) (Summer) Historical, biological, anthropological, psychological and sociological perspectives of human sexual development. Sexual dysfunctions and approaches to sex therapy. Attitudes toward sexuality held by professional helpers relative to their implications for the learning and teaching of human sexuality and sex therapy.

★EDPC 508 Seminar in Special Topics.

(3) (Summer) (Offered through Summer Studies.) Content will vary from year to year and will be announced prior to registration. The seminar may be given by a single instructor or by a group, as the occasion warrants.

EDPE-Ed Psych & Couns (Psychology)

Offered by: Educational&Counselling Psych

† EDPE 300 Educational Psychology.

(3) (Summer) Selected theories, models, and concepts relevant to planning and reflecting upon educational practice and improvement. Overview of development, learning, thinking, motivation, individual difference, etc. In relation to applications in classroom teaching and learning, the complementary role of counsellors and psychologists, educational computing and technology. The Youth Protection Act.

□▲★EDPE 304 Measurement and Evaluation.

(3) (Summer) The purposes of examinations. Causes of complaints about examinations. Equalizing means and dispersions in distribution of marks. Standardized scores. The percentile system. Essay and objective-type examinations. Taxonomies of educational objectives. Validity and reliability: item analysis.

EDPE 564 Family Communication.

(3) (Summer) (May be offered through Summer Studies) Family communication processes and interpersonal reactions in the context of marriage and the contemporary family will be considered. Attention will be given to role changes and the effect of crises on marital and family relationships.

EDPE 575 Educational Measurement.

(3) (Summer) Statistical measurements in education, graphs, charts, frequency distributions, central tendencies, dispersion, correlation, and sampling errors.

□◆ EDPE 595 Seminar in Special Topics.

(3) (Summer) (Restriction: Permission must be obtained from the Department before registration.) The content of the seminar will vary from year to year and will be announced prior to registration. The seminar may be given by a single instructor or by a group, as the occasion warrants.

□◆ EDPE 596 Seminar in Special Topics.

(3) (Summer) Seminar in selected topics in Educational and Counselling Psychology. The topic will vary from year and will be announced prior to registration.

EDPI-Ed Psych & Couns (Inclusive)

Offered by: Educational&Counselling Psych

EDPI 309 Exceptional Students.

(3) (Summer) (Restriction: Open to B.Ed. and Concurrent students only.) Evolution of special education to inclusive education; characteristics, teaching practices, and teachers' roles in inclusive classrooms. Overview of characteristics, causes, needs, and teaching strategies for students with each exceptionality, including students with intellectual, emotional, behavioral, sensory, physical and learning differences.

EDPI 341 Instruction in Inclusive Schools.

(3) (Summer) (Restriction: Open to B.Ed. students only) Planning, implementing and evaluating curriculum and instruction for students with exceptionalities. Using technology and adapting curriculum and instruction for learners with varying abilities, learning styles, and needs. Collaboration with students, families, and other educators in the instructional process. Application component: application of instructional modifications for exceptional students in inclusive schools.

★EDPI 450 Computers and Special Needs.

(3) (Summer) Overview of the role and contribution of computers in relation to students with exceptionalities. Review of instructional uses of computers, applications for modifying and teaching curriculum applications for specific learning needs, assistive devices for students with sensory and physical disabilities, and resources for students and teachers.

□◆ EDPI 539 Field Work 1: Exceptional Students.

(3) (Summer) (Restriction: Permission of Program Director required.) Supervised experience with exceptional students in an approved educational setting.

□◆ EDPI 540 Field Work 2: Exceptional Students.

(3) (Summer) (Prerequisite: EDPI 539) (Restriction: Permission of Program Director required.) Supervised experience with exceptional students in an approved educational setting.

EDPI 543 Family, School and Community.

(3) (Summer) (Offered through Summer Studies.) Examination of family, school, community and societal influences on student growth, development and adjustment. Emphasis on family perspectives, school orientation, community services, and community collaboration. Application component: using knowledge and skills in the field.

EDPT-Ed Psych & Couns (Media)

Offered by: Educational&Counselling Psych

▲ EDPT 200 Integrating Educational Technology in Classrooms.

(3) (Summer) Applications Software is the "gateway" course to educational computing. It introduces novices to basic computing skills, using a printer, word processing, data bases and spreadsheets. Assignments and projects focus on educational applications by teachers and students.

EDSL-Education in Second Languages

Offered by: Integrated Studies in Ed

EDSL 255D2 Second Professional Seminar.

(1) (Summer) (Restrictions: Open to B.Ed (TESL) students. Not open to students who have taken EDSL 259 (Second Year Professional Seminar)) (Prerequisites: EDSL 255D1, EDSL 210, EDFE 209 and EDSL 330.) The course aims to develop basic practices in planning and teaching in ESL classrooms, including microteaching and reflective analysis.

EDSL 350 Essentials of English Grammar.

(3) (Summer) (Restriction: Restricted to B.Ed. (TESL) students) (Restriction: This is a required course for B.Ed. TESL students. Students from other programs may be admitted at the discretion of the instructor.) Analysis of English phrases, clauses and sentences up to discourse level in connected text. Emphasis on distinguishing between grammatical form, meaning, and function. Identification, analysis and correction of common errors made by ESL learners.

EDSL 512 Grammar in Teaching English as a Second Language.

(3) (Summer) (Prerequisite: EDSL 505) (Restriction: Restricted to students in the Graduate Certificate in TESL) Analysis of English grammar at phonological, morphological, syntactic, semantic, and discourse levels. Applications are made to second language teaching and learning, focusing on integrating grammar into communicative language approaches.



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Faculty of Engineering

ARCH-Architecture

Offered by: Architecture

A limited number of courses are open to students not registered in the School of Architecture. Please consult Class Schedule for further information.

ARCH 324 Sketching School 1.

(1) (Summer) ((0-0-3)) (Prerequisite: ARCH 218) (This course in the Faculty of Engineering is open only to McGill students.) An eight-day supervised field trip in the late summer to sketch places or things having specific visual characteristics. Students are required to include Sketching School I in the B.Sc.(Arch.) program.

ARCH 379 Summer Course Abroad.

(3) (Summer) ((0-0-9)) (Prerequisite: ARCH 202 or permission of instructor) (Restriction: Departmental permission required) (This course in the Faculty of Engineering is open only to McGill students.) Studies in-situ of key buildings, landscapes and urban settings; techniques of graphic documentations, analysis of physical configuration, constructional details and present use. Excursions to neighbouring sites of architectural interest.

ARCH 519 Field Course Abroad.

(3) (Summer) (Prerequisite: ARCH 304 or permission of instructor) (Restrictions: Limited enrolment; departmental permission required) (Note: Excursions to neighbouring sites of architectural interest) (This course in the Faculty of Engineering is open only to McGill students.) Advanced and comprehensive studies in-situ of key buildings, landscapes and urban settings; techniques of graphic documentations, analysis of physical configuration, constructional details and present use.

CHEE-Chemical Engineering

Offered by: Chemical Engineering

CHEE 363 Projects Chemical Engineering 1.

(2) (Summer) ((1-0-5)) (Prerequisite: CHEE 200 (A "D" grade is acceptable for prerequisite purposes only)) (This course in the Faculty of Engineering is open only to McGill students.) Projects on social or technical aspects of chemical engineering practice. Students must suggest their own projects to be approved and supervised by a member of the departmental staff. Students may work in groups.

CHEE 464 Projects Chemical Engineering 2.

(2) (Summer) ((1-0-5)) (Prerequisite: CHEE 363) (This course in the Faculty of Engineering is open only to McGill students.) Projects on social or technical aspects of chemical engineering practice. Students must suggest their own projects to be approved and supervised by a member of the staff. Students may work in groups.

CHEE 494 Research Project and Seminar 1.

(3) (Summer) ((1-6-2)) (Prerequisite: CHEE 393) (This course in the Faculty of Engineering is open only to McGill students.) Independent study and experimental work on a topic chosen by consultation between the student and Departmental Staff.

CHEE 495 Research Project and Seminar 2.

(4) (Summer) ((1-9-2)) (Prerequisite: CHEE 393) (This course in the Faculty of Engineering is open only to McGill students.) Independent study and experimental work on a topic chosen by consultation between the student and the Departmental staff.

CHEE 496 Environmental Research Project.

(3) (Summer) ((1-6-2)) (Prerequisite: CHEE 393 or permission of instructor.) (This course in the Faculty of Engineering is open only to McGill students.) Independent study and experimental work on an environmental topic chosen by consultation between the student and Departmental staff.

CIVE-Civil Engineering

Offered by: Civil Engineering

CIVE 210 Surveying.

(2) (Summer) (Prerequisite: MECH 289 (formerly MECH 290)) (This course in the Faculty of Engineering is open only to McGill students.) The construction and use of modern survey instruments; transit, level, etc.; linear and angular measurements and errors; horizontal and vertical curves; error analysis, significance of figures; use of computers and software; recent developments.

ECSE-Electrical Engineering

Offered by: Electrical & Computer Engr

ECSE 200 Electric Circuits 1.

(3) (Summer) ((3-1-5)) (Prerequisite: PHYS 142 or CEGEP equivalent.) (Corequisite: MATH 261 or MATH 263 or MATH 325.) (Tutorials assigned by instructor.) (This course in the Faculty of Engineering is open only to McGill students.) Circuit variables, analysis of resistive circuits. Network theorems (Kirchhoff's law, Ohm's law, Norton and Thevenin equivalent). Ammeters, voltmeters, and ohmmeters. Analysis methods (nodal and mesh analysis, linearity, superposition). Dependent sources and OpAmps. Energy Storage elements. First-order circuits.

ECSE 210 Electric Circuits 2.

(3) (Summer) ((3-2-4)) (Prerequisite: ECSE 200) (For Fall Term: Limited to Electrical Honours and Computer Engineering students only.) (For Winter Term: Limited to Regular Electrical Engineering students only.) (Tutorials assigned by instructor.) (This course in the Faculty of Engineering is open only to McGill students.) Second-order circuits. Sinusoidal sources and phasors. AC steady-state analysis. AC steady-state power. Laplace transform. Circuit analysis in the s-Domain. Frequency response. Mutual inductance and transformers. Two-port circuits.

ECSE 474 Design Project 1.

(1) (Summer) ((0-2-1)) (Prerequisites: ECSE 211, ECSE 322, ECSE 323 and ECSE 330) A laboratory design project undertaken with close supervision by a staff member. The project consists of defining an engineering problem, reviewing relevant background and literature, and seeking the solution through numerical simulation and/or experimental investigation. A literature review, written project proposal, and seminar presentation are required.

ECSE 475 Design Project 2.

(2) (Summer) ((0-5-1)) (Prerequisite: ECSE 474.) A laboratory design project undertaken with close supervision by a staff member. A continuation of ECSE 474 Design Project 1. The work consists of carrying out the project plan developed in ECSE 474 Design Project 1 producing a report summarizing the results, and a seminar presentation.

ECSE 476 Software Engineering Design Project 1.

(1) (Summer) (Prerequisite(S): EDEC 206, COMP 302, ECSE 306, ECSE 321, and ECSE 322) Design project in software engineering.

ECSE 477 Software Engineering Design Project 2.

(2) (Summer) (Prerequisite: ECSE 476) Design project in software engineering.

ECSE 495 Software Engineering Design Project.

(3) (Summer) ((0-5-4)) (Prerequisites: ECSE 321 and at least 42 Departmental credits from Electrical and Computer Eng. and Computer Science) Self-managed design and implementation of a complex software system according to a set or prescribed specifications.

ECSE 498 Honours Thesis 1.

(3) (Summer) ((0-3-6)) (Prerequisites: EDEC 206 and at least 42 Departmental credits) A research project undertaken with close supervision by a staff member. The work consists of defining an engineering problem, reviewing the associated literature, and seeking the solution through experimental

investigation. A literature review and a written thesis proposal are required along with a seminar presentation at end of term.

ECSE 499 Honours Thesis 2.

(3) (Summer) ((0-3-6)) (Prerequisite: ECSE 498) A research project undertaken with close supervision by a staff member. A continuation of ECSE 498. The work consists of carrying out the research plan developed in ECSE 498 along with a seminar presentation at end of term.

MECH-Mechanical Engineering

Offered by: Mechanical Engineering

□MECH 260 Machine Tool Laboratory.

(2) (Summer) ((1-3-2)) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) (This course in the Faculty of Engineering is open only to McGill students.) Basic machine tool operations, numerical control of machine tools, and metrology. The use of hand tools, and sheet metal work. Introduction to rapid prototyping and nontraditional machining methods. Extensive laboratory hands-on exercises.

□MECH 526 Manufacturing and the Environment.

(3) (Summer) ((3-0-6)) (Prerequisite (Undergraduate): Permission of the instructor) (This course in the Faculty of Engineering is open only to McGill students.) Course topics include: clean manufacturing, product and process design for minimizing materials and energy use, the product life cycle, impact of technology on the environment, environmental impact assessment, regulatory process, and managing the "political" process.

□MECH 529 Discrete Manufacturing Systems.

(3) (Summer) ((3-0-6)) (Prerequisite (Undergraduate): Permission of the instructor) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) (This course in the Faculty of Engineering is open only to McGill students.) An overview of present day production machines and systems with special emphasis on automation, computer control and integration techniques. Material handling, automatic inspection, process monitoring, maintenance. Socio-economic and environmental issues. Laboratory experience with factory simulation.

MIME-Mining & Materials Engineering

Offered by: Mining & Materials Engineering

MIME 203 Mine Surveying.

(2) (Summer) ((3-3-0)) (Prerequisite: MIME 200 or permission of instructor) (This course in the Faculty of Engineering is open only to McGill students.) Introduction to surveying. Definitions & mathematics. Measurement of levels, angles and distances. Fundamentals of control surveying. Underground mine surveying. GPS and laser applications.

MIME 280 Industrial Training 1.

(2) (Summer) (Prerequisites: MIME 202. Department permission required. Must also have obtained a minimum of 40 credits of the core program.) (This course in the Faculty of Engineering is open only to McGill students.) Four-month training period in a materials engineering industrial or research environment.

MIME 290 Industrial Work Period 1.

(2) (Summer) (Prerequisites: MIME 200 or MIME 203) (This course in the Faculty of Engineering is open only to McGill students.) A four-month work period in the mineral industry, to expose the student to an industrial environment.

Candidates will receive basic industrial training. A complete report must be submitted at the end of the term.

MIME 291 Industrial Work Period 2.

(2) (Summer) (Prerequisite: MIME 290) (This course in the Faculty of Engineering is open only to McGill students.) A four-month industrial work period in a mining company, research laboratory or government agency. The student will receive formal industrial training in a technical position. A complete report must be submitted at the end of the term.

MIME 310 Engineering Economy.

(3) (Summer) ((3-1-5)) (This course in the Faculty of Engineering is open only to McGill students.) Introduction to the basic concepts required for the economic assessment of engineering projects. Topics include: accounting methods, marginal analysis, cash flow and time value of money, taxation and depreciation, discounted cash flow analysis techniques, cost of capital, inflation, sensitivity and risk analysis, analysis of R and D, ongoing as well as new investment opportunities.

MIME 317 Analytical and Characterization Techniques.

(3) (Summer) ((2-3-4)) (Prerequisite: MIME 261) (This course in the Faculty of Engineering is open only to McGill students.) Bulk, surface and microanalytical techniques for materials characterization. Bulk analysis: spectrophotometry using UV, visible, flame and atomic absorption, x-ray diffraction and x-ray fluorescence. Surface and microanalysis: infrared spectroscopy, scanning and transmission electron microscopy, Auger electron and x-ray photoelectron spectroscopy.

MIME 320 Extraction of Energy Resources.

(3) (Summer) ((3-0-6)) (This course in the Faculty of Engineering is open only to McGill students.) The extraction of energy resources, i.e. coal, gas, oil and tar sands. After a brief geological review, different extraction techniques for these substances will be discussed. Emphasis on problems such as northern mining and offshore oil extraction with reference to Canadian operations. Transportation and marketing.

MIME 350 Extractive Metallurgical Engineering.

(3) (Summer) ((2-3-4)) (Prerequisites: MIME 200 or MIME 250, MIME 212) (This course in the Faculty of Engineering is open only to McGill students.) Principle non-ferrous base-metal pyrometallurgical extraction processes, relevant thermodynamics, heat and mass balances, transport phenomena (copper, nickel, lead, zinc, aluminum, magnesium). Ores, gangue, fuels, slag, fluxes, recovery, refining, minor elements, byproducts and the environment. Roasting, drying, smelting, converting, reverberatory furnaces, flash furnaces, continuous and batch operations, injection practices and oxygen enrichment. Simulation, modelling, control and optimization.

MIME 367 Electronic Properties of Materials.

(3) (Summer) ((3-3-3)) (Prerequisite: MIME 261) (This course in the Faculty of Engineering is open only to McGill students.) Structure of materials, electronic structure, electrical and thermal conductivity, semiconducting materials, fundamentals of magnetism, hard and soft magnetic materials, superconductivity and superconductive materials, dielectric materials, optical properties of materials, thermoelectricity. Advanced materials and their technological applications.

MIME 380 Industrial Training 2.

(2) (Summer) (Prerequisite: MIME 280) (This course in the Faculty of Engineering is open only to McGill students.) 2 Four-month work periods in industry. Work term report required upon completion.

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MIME 392 Industrial Work Period 3.

(2) (Summer) (Prerequisite: 75 credits including MIME 291) (This course in the Faculty of Engineering is open only to McGill students.) A four-month industrial work period in a mining company, research laboratory or government agency. Based on the experience gained during the first two work periods, the student may be asked to undertake more challenging technical tasks. A complete report must be submitted at the end of the term.

MIME 410 Research Project.

(3) (Summer) ((0-6-3)) (Prerequisite: Recommendation of Instructor) (This course in the Faculty of Engineering is open only to McGill students.) A research project will be carried out, usually in groups, under the guidance of a staff member. A technical report will be prepared at the end and a formal presentation will be made on the research topic.

MIME 419 Surface Mining.

(3) (Summer) ((3-3-3)) (Prerequisite (Undergraduate): MIME 322, MIME 333 and MIME 325) (This course in the Faculty of Engineering is open only to McGill students.) Choice of a surface mining method. Analysis of soil and rock mass properties related to surface mining. Calculation and monitoring of stripping ratios, ultimate pit depth, slope stability, rock reinforcement, bench and berm dimensioning and ramp design. Loading and hauling systems. Surface layout and development. Water drainage systems. Production and cost analysis. Computerized design techniques.

MIME 422 Mine Ventilation.

(3) (Summer) ((3-3-3)) (Prerequisite: MIME 340) (Restriction: Not open to students who have taken MPMC 422.) (This course in the Faculty of Engineering is open only to McGill students.) Statutory regulations and engineering design criteria. Occupational health hazards of mine gasses, dusts, etc. Ventilation system design. Natural and mechanical ventilation. Measuring and modelling air flow in ventilation networks. Calculation of head losses. Selection of mine ventilation fans. Air heating and cooling. Aspects of economics.

MIME 480 Industrial Training 3.

(2) (Summer) (See details listed under MIME 481) (Prerequisite: MIME 380) (This course in the Faculty of Engineering is open only to McGill students.) Four-month work period in industry. Work term report due upon completion of MIME 481.

MIME 481 Industrial Training 4.

(2) (Summer) (Prerequisite: MIME 480) (This course in the Faculty of Engineering is open only to McGill students.) Four-month work period in industry. This course is intended to be taken immediately after MIME 480 at the same work location. One work term report and one seminar are required upon completion of this course. If MIME 480 and MIME 481 are in different work locations, the work term report should be in two parts following the co-op handbook guidelines.

MIME 494 Industrial Work Period 4.

(2) (Summer) (Prerequisites: MIME 419, MIME 426, MPMC 328 and MPMC 421) (This course in the Faculty of Engineering is open only to McGill students.) A four-month industrial work period after which the student must submit a report.

MIME 513 Mine Planning Optimization Under Uncertainty.

(3) (Summer) ((3-3-3)) (Prerequisite: Permission of instructor.) (This course in the Faculty of Engineering is open only to McGill students.) Strategic mine planning and optimization under uncertain demand and supply. Modern optimization techniques in mine design and production scheduling. Metal supply and orebody modelling. Market forecasting and planning with flexibility. Valuing information. Stochastic mine optimization and applications in open pit and underground metal mines.

MIME 521 Stability of Underground Openings.

(3) (Summer) ((3-3-3)) (Prerequisite: permission of instructor) (This course in the Faculty of Engineering is open only to McGill students.) The properties of rock masses and stability classification systems. The influence and properties of geological structural features. Stability related to the design of underground openings and mining systems. Site

investigations. Methods of stabilization.

MPMC-McGill/Poly Mining Coop

Offered by: Mining & Materials Engineering

MPMC 328 Environnement et gestion des rejets miniers.

(3) (Summer) ((3-3-3)) (Pré requis: MIME 200 et MIME 291) (Ce cours offert par la Faculté de génie s'adresse aux étudiants de McGill seulement.) Effets du milieu de travail sur l'homme (hygiène du travail) : législation; contraintes thermiques, problèmes de bruit, de contaminants gazeux et de poussières; techniques de mesures. Effets de l'exploitation d'une mine sur le milieu (environnement et écologie) : législation; études d'impacts; effluents miniers: origine, nature et traitement des effluents; entreposage des résidus; restauration des sites.

MPMC 421 Exploitation en souterrain.

(3) (Summer) ((3-3-3)) (Pré requis: MIME 322, MIME 325 et MIME 333) (Ce cours offert par la Faculté de génie s'adresse aux étudiants de McGill seulement.) Étude des caractéristiques des principales méthodes d'abattage utilisées en souterrain. Méthodes d'analyse simplifiée d'un gisement quant à son exploitation en fosse ou en souterrain. Dimensionnement des ouvrages et choix des équipements. Calculs des quantités, des équipements et des coûts reliés aux excavations souterraines. Conception d'un circuit de remblai hydraulique.

Desautels Faculty of Management

ACCT-Accounting

Offered by: Management

ACCT 351 Intermediate Financial Accounting 1.

(3) (Summer) (Prerequisite: MGCR 211) An examination of the theoretical foundation for financial reporting and revenue recognition. The tools of accounting, including a review of the accounting process and compound interest concepts. Asset recognition, measurement and disclosure. Partnership accounting.

ACCT 354 Financial Statement Analysis.

(3) (Summer) (Prerequisite: MGCR 211) Interpretative nature of the conceptual framework underlying a multitude of financial reporting standards, including the impact of alternative accounting methods, management biases and stakeholder interests in the analysis and valuation of the firm.

ACCT 361 Intermediate Management Accounting 1.

(3) (Summer) (Prerequisite: MGCR 211) The role of management accounting information to support internal management decisions and to provide performance incentives.

BUSA-Business Admin

Offered by: Management

BUSA 364 Business Law 1.

(3) (Summer) (Restriction: This course cannot be double-counted from the Certificate in Management.) An introduction to the legal system and basic legal principles affecting business. Tort negligence, contracts, forms of business organization, creditors' rights and bankruptcy.

BUSA 391 International Business Law.

(3) (Summer) (Prerequisite: MGCR 382) Introduction to the legal aspects of foreign trade and investment transactions. Forms and documentation of types of foreign trade contracts. Conflict avoidance, arbitration, and litigation arising from international transactions. Government regulation of foreign trade. Legal aspects of the international transfer of investments and technology. Conventions and institutions of international economic cooperation (e.g. GATT, ICC, IMF, etc.).

BUSA 434 Topics in General Management.

(3) (Summer) (Prerequisite: MGCR 382) (Restriction: Restricted to U2/U3) (Note: Topics vary from year to year) Topics in management.

BUSA 481 North America: Global Markets.

(3) (Summer) (Prerequisite: MGCR 382) (Restriction: U2 and U3 students) Analysis of corporate strategies in the Canada-United States context. Emphasis on public policy impact of corporate decision-making and implications of alternative public policy options. Bilateral experience by major industrial sectors examined and compared with global corporate strategies. Theoretical and empirical literature combined with industrial histories and policy case studies.

FINE-Finance

Offered by: Management

FINE 342 Finance 2.

(3) (Summer) (Restriction: For Finance Concentration/Major/Honours) (Prerequisite: MGCR 341) (Restriction: Only one of FINE 342 or FINE 343 can be counted for credit) In depth study of corporate finance, risk, diversification, portfolio analysis, and capital market theory.

FINE 441 Investment Management.

(3) (Summer) (Prerequisite: MGCR 341) Application of investment principles and security analysis to the selection and comparison of equity and fixed income securities in the current economic and financial environment. Also covered are: determinants of stock prices, growth models and portfolio diversification.

FINE 448 Financial Derivatives.

(3) (Summer) (Prerequisite: MGSC-272 or equivalent) The course will concentrate on both the analytical and practical aspects of investments in options and futures. The first part of the course concentrates on option and futures valuation, considering both discrete and continuous time models. The second part of the course concentrates on the practical aspects of options and futures trading.

FINE 482 International Finance 1.

(3) (Summer) (Prerequisite: MGCR 341) The international financial environment as it affects the multinational manager. Balance of payments concepts, adjustment process of the external imbalances and the international monetary system. In depth study of the institutional and theoretical aspects of foreign exchange markets; International capital markets, including Eurobonds and eurocredit markets.

MGCR-Management Core

Offered by: Management

MGCR 211 Introduction to Financial Accounting.

(3) (Summer) The role of financial accounting in the reporting of the financial performance of a business. The principles, components and uses of financial accounting and reporting from a user's perspective, including the recording of accounting transactions and events, the examination of the elements of financial statements, the preparation of financial statements and the analysis of financial results.

MGCR 222 Introduction to Organizational Behaviour.

(3) (Summer) Individual motivation and communication style; group dynamics as related to problem solving and decision making, leadership style, work structuring and the larger environment. Interdependence of individual, group and organization task and structure.

MGCR 271 Business Statistics.

(3) (Summer) (Prerequisite: MATH 122 and 123 or equivalent) (Restriction: Not open to students who have taken or are taking MATH 204, MATH 324, PSYC 204, ECON 227, ECON 257) (You may not be able to receive credit for this course and other statistic courses. Be sure to check the Course Overlap section under Faculty Degree Requirements in the Arts or Science section of the Calendar.) Statistical concepts and methodology, their application to managerial decision-making, real-life data, problem-solving & spreadsheet modeling. Topics include: descriptive statistics; normal distributions, sampling distributions and estimation, hypothesis testing for one and two populations, goodness of fit, analysis of variance, simple and multiple regression.

MGCR 341 Finance 1.

(3) (Summer) (Prerequisites: MGCR 271 or equivalent) An introduction to the principles, issues, and institutions of Finance. Topics include valuation, risk, capital investment, financial structure, cost of capital, working capital management, financial markets, and securities.

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MGCR 352 Marketing Management 1.

(3) (Summer) Introduction to marketing principles, focusing on problem solving and decision making. Topics include: the marketing concept; marketing strategies; buyer behavior; Canadian demographics; internal and external constraints; product; promotion; distribution; price. Lectures, text material and case studies.

MGCR 360 Social Context of Business.

(3) (Summer) This course examines how business interacts with the larger society. It explores the development of modern capitalist society, and the dilemmas that organizations face in acting in a socially responsible manner. Students will examine these issues with reference to sustainable development, business ethics, globalization and developing countries, and political activity.

MGCR 382 International Business.

(3) (Summer) An introduction to the world of international business. Economic foundations of international trade and investment. The international trade, finance, and regulatory frameworks. Relations between international companies and nation-states, including costs and benefits of foreign investment and alternative controls and responses. Effects of local environmental characteristics on the operations of multi-national enterprises.

MGCR 423 Organizational Policy.

(3) (Summer) (Restriction: Open to U2, U3 students only) Focus on the primary functions of general management: the formation of a corporate strategy that relates the company's opportunities to its resources, competence, and leadership style. Measures to improve organization effectiveness.

MGCR 472 Operations Management.

(3) (Summer) (Prerequisite: MGCR 271 or equivalent) (Requirement for the Canadian Institute of Management) Design, planning, establishment, control, and improvement of the activities/processes that create a firm's final products and/or services. The interaction of operations with other business areas will also be discussed. Topics include forecasting, product and process design, waiting lines, capacity planning, inventory management and total quality management.

MGSC-Management Science

Offered by: Management

MGSC 402 Operations Strategy.

(3) (Summer) (Restriction: Not open to U0 and U1 students) Effective management at the operating unit level, including the concept of "operations strategy", action-oriented tools and frameworks for designing and managing operations innovation, effective use of operations-related technologies and supply chain strategy.

MGSC 415 Supplier Management.

(3) (Summer) (Restriction: Not open to U0 and U1 students) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Strategic role of purchasing, supplier selection, supplier relationship management, international sourcing, E-procurement, price determination, purchasing services, and auctions.

MGSC 431 Operations Analysis.

(3) (Summer) (Prerequisite: MGCR 472.) Optimizing cycle-time, throughput and inventory performance of operations, including analytical modeling as well as simulation.

MRKT-Marketing

Offered by: Management

MRKT 434 Topics in Marketing 1.

(3) (Summer) (Prerequisite: MGCR 352) (Summer Abroad course taught in Brazil.) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Current topics in marketing.

ORGB-Organizational Behaviour

Offered by: Management

ORGB 380 Cross Cultural Management.

(3) (Summer) (Summer Abroad course taught in Brazil.) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Cross-cultural awareness and communication skills necessary to manage in multicultural organizations. Focus on the relationship between cultural values and communication style as they affect inter and intra cultural communication of managers, personnel and clients of multinational and multicultural organizations.

Schulich School of Music

MUHL-Music History and Literature

Offered by: Music Research

MUHL 184 History Survey Before 1750.

(3) (Summer) (Corequisites: MUTH 110 and MUSP 129 OR permission of instructor) Representative works from the Carolingian Renaissance to 1750 and their relation to the social and cultural milieu. Basic reference works. Developments in notation, instruments, and performance practice.

MUHL 185 History Survey After 1750.

(3) (Summer) (Corequisites: MUTH 111 and MUSP 131 OR permission of instructor) Historical and stylistic investigation of music and musical life from circa 1750 to the present, i.e., the transition to the Classical period, the period of C.P.E. Bach and the Mannheim, Berlin, and Viennese symphonists, to recent developments, including electronic and music technology.

MUSP-Musicianship

Offered by: Music Research

MUSP 131 Musicianship 2.

(2) (Summer) (2 hours, plus 2 hours Choral Solfège Lab) (Prerequisite: MUSP 129) (Corequisites: MUTH 111 and MUSP 171) (Students must complete three of five Listening Tasks (one of which must be Tonal Melodic Structures) in the final segments of both MUSP 129 and MUSP 131 before proceeding to the next Musicianship course.) Rhythm (quadruple-mixed divisions); Isolated Sonorities (voiced triads, dominant sevenths); chromatically-embellished modulating Tonal Melodic Structures; Score Reading with treble-bass-alto-tenor clefs; Atonal Structures (cells with intervals to seventh); diatonic Harmonic Progressions; Repertoire Building (MUTH 111).

MUSP 171 Keyboard Lab 1.

(1) (Summer) (1 hour) (Prerequisite: completion of, or concurrent re-enrolment in, MUSP 170) (Corequisites: MUTH 111 and MUSP 131) (Restriction: All students admitted to B.Mus and L.Mus. programs, including those with keyboard or guitar as their principal instrument, are required to take MUSP 171 Keyboard Lab, unless exempt on the basis of a placement test. Students who are exempt from MUTH 111 through placement tests must still take MUSP 171 (unless exempt) since this course forms the foundation of keyboard-based musicianship tasks at upper levels. (All Majors in Jazz Performance substitute MUJZ 171 for MUSP 171. Students in Jazz Performance who have completed MUJZ 170 and MUJZ 171, and who transfer to a Department of Theory program, will be required to complete MUSP 171.) Students who do not achieve a continuation pass in MUSP 171 must reregister for the course in the semester immediately following. Students who do not achieve a continuation pass after repeating the course will not be allowed to proceed with further Musicianship or Theory studies until a continuation pass is achieved. Tests for MUSP 171 are held in August-September, December-January, and April-May [as well as during the Summer Session when course(s) offered], the exact dates determined by the Department of Music Research.) Course contents parallel those of MUTH 111 with emphasis on memorization of diatonic paradigmatic harmonic progressions (prolongational and cadential) and on their combination in phrases; realization of elementary figured bass; additional tasks include harmonization of simple melodies and elementary score reading using treble, bass, and alto clefs (also some tenor clef).

MUSP 172 Keyboard Lab 2.

(1) (Summer) (Prerequisites: MUSP 131, MUSP 171 and MUTH 111) (Corequisites: MUSO 229, MUTH 210) (Course contents parallel those of MUTH 210, MUSP 229) Keyboard studies with emphasis on memorization and transposition of diatonic sequences; use of seventh chords in diatonic and chromatic contexts; augmented sixth and Neapolitan sixth chords, pivot chords, enharmonic and common-tone modulation; practical command of orchestral score analysis at the keyboard.

MUSP 229 Musicianship 3.

(2) (Summer) (2 hours) (Prerequisite: MUSP 131) (Corequisite: MUTH 210 and MUSP 172) Rhythm (six-, five- and seven-part subdivisions); Isolated Sonorities (triads, dominant, supertonic, leading-tone sevenths); Tonal Melodic Structures tonicizing V, III (also vi, v); Score Reading with treble-bass-alto-tenor clefs; Atonal Structures (basic cell combinations); dance-suite Multipart Structures; Harmonic Progressions including sequential paradigms; Repertoire Building (MUTH 210).

MUSP 231 Musicianship 4.

(2) (Summer) (2 hours, plus Keyboard lab) (Prerequisite: MUSO 172 and MUSP 229) (Corequisite: MUTH 211) Rhythm (eight-part subdivisions, smaller note values); Isolated Sonorities (applied, neapolitan, augmented sixth chords); Tonal Melodic Structures tonicizing related scale-steps; Score Reading with treble-bass-alto-tenor-soprano clefs; Atonal Structures (basic cell combinations); instrumental-texture Multipart Structures; applied chords and tonicizations in Harmonic Progression; Repertoire Building (MUTH 211).

MUSP 329 Musicianship 5.

(2) (Summer) (2 hours) (Prerequisite: MUSP 231) (Corequisite: MUTH 310 or MUTH 327) Rhythm (mixed divisions, basic polyrhythms); Isolated Sonorities (dominant ninths, thirteenth, diminished sevenths, augmented sixths); chromaticism, mixture, enharmonicism in 19th-century Tonal Melodic Structures; Atonal Structures (extended melodies with basic cells); instrumental-texture Multipart Structures; Harmonic Progression with early-19th-century uses of chromatic chords; Score Reading (19th-century repertoire).

MUSP 331 Musicianship 6.

(2) (Summer) (2 hours) (Prerequisite: MUSP 329) (Corequisite: MUTH 311 or MUTH 427) Rhythm (20th-century practices); Isolated Sonorities (trichordal set-classes); chromatically-complex shorter or longer common-practice Tonal Melodic Structures; Atonal Structures (20th-century repertoire items); two-part 20th-century Multipart Structures; Harmonic Progression with late-19th-century chromatic and extended-modulatory paradigms; Score Reading (20th-century repertoire).

MUTH-Music Theory and Analysis

Offered by: Music Research

MUTH 110 Melody and Counterpoint.

(3) (Summer) (4 hours) (Prerequisite: Matriculation Music or McGill Conservatory Theory Secondary V or its equivalent. Corequisites: MUSP 129 and MUSP 170 or permission of co-ordinator or instructor) Introduction to principles of melodic and contrapuntal structure through the traditional species of counterpoint: first through fifth species in two parts; first species in three parts. Analysis and compositional modelling of repertoire in medieval-renaissance and 20th-century idioms. Notation, elementary acoustics, review of rudiments.



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MUTH 111 Elementary Harmony and Analysis.

(3) (Summer) (4 hours) (Prerequisite: MUTH 110)
(Corequisites: MUSP 131 and MUSP 171) Diatonic chords, harmonic progression, the concept and practice of tonality, simple modulation, seventh chords and secondary dominants. Small forms from c.1700 to the early 19th Century will be analyzed. Written four-part exercises will be required.

MUTH 210 Tonal Theory and Analysis 1.

(3) (Summer) (3 hours) (Prerequisites: MUTH 110 and MUTH 111) (Corequisite: MUSP 229) (Prerequisite or corequisite: MUSP 171) Compositional resources of early and mid-18th Century music. Thorough review of elementary harmonic procedure. Introduction to chromatic alteration and linear chords, and to analysis of imitative and invertible counterpoint. Analysis of common forms of the period c.1700 - 1770, including principal Baroque forms, but not including the Classical sonata.

MUTH 211 Tonal Theory and Analysis 2.

(3) (Summer) (3 hours) (Prerequisite: MUTH 210)
(Corequisite: MUSP 231) Compositional resources of late 18th and early 19th Century music. Analysis of forms common to the period c.1770 - 1830, including Classical sonata forms in several media. Writing of short pieces for keyboard, piano and voice, and string quartet.

MUTH 310 Mid and Late 19th-Century Theory and Analysis.

(3) (Summer) (3 hours) (Prerequisites: MUTH 211 or MUCO 240 and MUSP 231 and MUSP 171) Expanded harmonic resources of the late 19th Century (e.g., foreign modulation, chromatic harmony). Analysis of characteristic small and large forms. Development of writing and analytical skills with a goal toward perceiving how levels of musical structure interact.

MUTH 311 20th-Century Theory and Analysis.

(3) (Summer) (3 hours) (Prerequisite: MUTH 310)
Exploration of 20th-Century systems of pitch organization and attitudes toward counterpoint (e.g., polytonality, modal systems, neo-classical tonality, serialism, linear counterpoint, etc.). Examination of the relationship of these systems to earlier practices. Development of written and analytical skills for the purpose of gaining insight into 20th-Century principles and techniques.

MUTH 475 Special Project.

(3) (Summer) (Prerequisites: MUTH 211 or MUCO 240 and MUSP 231 and MUSP 171) Philosophy and Aesthetics of Music Production: Aesthetic, philosophic, technologic and artistic considerations in modern recording; the impact of these considerations on decision making and the ways in which music is produced, written, presented and heard; sociologic and artistic implications of changing technology in the arts. For details contact the Department of Theory.

Faculty of Religious Studies

RELG-Religious Studies

Offered by: Religious Studies

RELG 280 Elementary New Testament Greek.

(6) (Summer) (Open to students in the Honours and Major programs in Religious Studies. Other Arts and Science students may take the course as an elective outside their faculty, in accordance with Arts and Science regulations) An introduction to the grammar and syntax of New Testament Greek.

RELG 315 Special Topics in Religion 1.

(3) (Summer) (Prerequisites: RELG 204 or RELG 252 or RELG 253) (Restriction: Not open to students who have taken RELG 496) TOPIC for 2009: History of the Occult. Topics of current interest in or between world religions.

RELG 317 Special Topics in Religion 2.

(3) (Summer) (Prerequisites: RELG 204 or RELG 252 or RELG 253.) (Restriction: Not open to students who have taken RELG 496.) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Interfaith Course: TOPIC for 2009: TBA Religion and the body is the theme of the course. Topics of current interest in, or between, world religions.

RELG 318 Special Topics in Religion 3.

(3) (Summer) (Prerequisites: RELG 204 or RELG 252 or RELG 253.) (Restriction: Not open to students who have taken RELG 496.) TOPIC for 2009: Religion and the Media. Topics of current interest in, or between, world religions.

RELG 319 Special Topics in Religion 4.

(3) (Summer) (Prerequisites: RELG 204 or RELG 252 or RELG 253) (Restriction: Not open to students who have taken RELG 496) TOPIC for 2009: The Ethics of Death: A Comparative Approach. Topics of current interest in, or between, world religions.

RELG 336 Contemporary Theological Issues.

(3) (Fall, Winter and Summer) (Prerequisite: RELG 320 or RELG 338 or permission of instructor) Crying from the Depth: The rise of Liberation Theologies in the Twentieth Century.

RELG 337 Themes in Buddhist Studies.

(3) (Fall, Winter and Summer) (Prerequisite: RELG 252 or RELG 253 or permission of instructor) A focussed examination of major themes within a branch of Theravada, Mahayana or Vajrayana Buddhism. Emphasis will be placed on both the close study of primary texts (in translation) in historical context and the application of recent methods to fundamental Buddhist concepts, ritual practices and community institutions.

RELG 339 Gender & Sexuality in Buddhism.

(3) (Summer) (Core course for the Women's Studies Minor program) (Prerequisite: RELG 252 or permission of the instructor) Religious perspectives on the body, gender and sexual activity in Buddhist cultures.

RELG 343 Topics: Philosophy of Religion.

(3) (Fall and Summer) TOPIC for 2009: The Meaning of Life.

RELG 369 Tibetan Buddhism.

(3) (Summer) (Prerequisite(s): RELG 252 or RELG 253) (This course is expected to be offered every 3 years) Buddhism has been central to Tibetan culture and identity since the 7th century CE. This course introduces key aspects of the history and practices of Tibetan Buddhism, including: early history, political and sectarian developments, the spread of Tibetan Buddhism outside of Tibet, and the myth of "Shangri-La".

RELG 371 Ethics of Violence/Non-Violence.

(3) (Winter and Summer) Forms of violence and the reaction of religious groups are assessed both for their effectiveness and for their fidelity to their professed beliefs. Different traditions, ranging from the wholesale adoption of violent methods (e.g. the Crusades) to repudiation (e.g. Gandhi; the Peace Churches).

RELG 372 Hindu Goddesses.

(3) (Fall and Summer) The mythology, theology, soteriology, history, ritual, and texts of the goddess-centred (Sakta) branches of Hinduism.

RELG 375 Religion and Society.

(3) (Summer) (Restriction: U2 and U3 students) TOPIC for 2009: The New Atheism. A study of the sociology of religion in the light of the contemporary debates regarding secularization, the relation of religion and politics, and the emergence of new religious movements.

RELG 376 Religious Ethics.

(3) (Summer) A discussion of ethical theory will provide the background for an analysis of the relationship between religious world views and moral reason. Attention will be given to the way in which the dominant religious traditions view the exemplars of religious virtue, and to how the virtues exemplified are related to and justified by the faith tradition in which they operate.

RELG 379 Eastern Orthodox Christianity.

(3) (Summer) (Restriction(s): For U2 students and above and not open to students who have taken RELG 232.) Topics in the history, theology, spiritual practices, liturgical arts, and literatures of the Greek, Slavonic, Syriac, Coptic, Armenian, and related Christian traditions.

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Faculty of Science

ANAT-Anatomy & Cell Biology

Offered by: Anatomy and Cell Biology

ANAT 432 Honours Research Project.

(9) (Summer) (Restriction: For students in the Honours program.) (Course opened to all Anatomy & Cell Biology students and other BSc students by special permission only.) Supervised honours research project in biological sciences.

BIOL-Biology

Offered by: Biology

BIOL 202 Basic Genetics.

(3) (Summer) (3 hours lecture, 1 hour optional tutorial) (Prerequisite: BIOL 200.) (Restriction: Not open to students who have taken or are taking CELL 204.) Introduction to basic principles, and to modern advances, problems and applications in the genetics of higher and lower organisms with examples representative of the biological sciences.

BIOL 240 Montegian Flora.

(3) (Summer) (Prerequisite: BIOL 111 or permission) (Restriction: Not open to students who have taken BIOL 358 or PLNT 358) (Note: Taught at the Gault Nature Reserve. Contact instructor for specific dates, logistics: (martin.lechowicz@mcgill.ca).) Field studies of ferns, fern allies, conifers and flowering plants; the use of keys for species identification.

BIOL 335 Marine Mammals.

(3) (Summer) (Prerequisite: BIOL 205) Biology of marine mammals with special emphasis on seals and whales of the Bay of Fundy. Taught at the Huntsman Marine Science Centre, St. Andrews, N.B., for two weeks in August. The course combines lectures, laboratory exercises, field trips, and individual projects. Apply first to Huntsman, then contact susan.gabe@mcgill.ca

BIOL 377 Independent Reading Project.

(3) (Summer) (Prerequisite: BIOL 200 and BIOL 201; or BIOL 215; or permission.) (Restriction: Open to U2 or U3 Biology students only) (Note: Before registration, projects must be arranged individually with a staff member in the Biology Department and a form from Ms. A.Comeau, Room W4/13, Stewart Building, must be completed. Please see regulations concerning Project Courses, under "Project Courses" in the Faculty Degree Requirements section.) Independent reading project.

BIOL 396 Undergraduate Research Project.

(3) (Summer) (Restrictions: This course cannot be taken under the S/U option. Departmental permission required. Students cannot be supervised by the same instructor for two 396 Science courses. Open to students in programs offered by the Faculty of Science only.) (Note: Enrolment may be limited. Students are advised to start the application process well before the start of the term and to plan for an alternative course in the case that no suitable project is available. Individual projects will be suggested each term which may have project-specific prerequisites. Some projects may be accessible to students in other disciplines. See <http://www.mcgill.ca/science/ours> for more information about available projects and application forms and procedures.) Independent research project with a final written report.

BIOL 413 Directed Reading.

(1) (Summer) (3 hours independent work) (Prerequisites: BIOL 200, BIOL 201, BIOL 202, BIOL 205, BIOL 215.) (Note: Special topics paper in conjunction with an upper-level biology course, under the guidance of a staff member of the Biology Department. A form from Ms. A.Comeau, W4/13 Stewart Building, is required prior to registration.) Directed reading.

BIOL 467 Independent Research Project 2.

(3) (Summer) (Prerequisite: BIOL 206 or BIOL 301 or other suitable laboratory course.) (Restrictions: Open only to Biology students. Not open to students who have taken BIOL 478.) (Note: Before registration, projects must be arranged individually with a staff member of the Biology Department and a

form from Ms. Comeau, Room W4/13, Stewart Building, must be completed prior to registration.) Independent research project.

BIOL 468 Independent Research Project 3.

(6) (Summer) (Prerequisite: BIOL 206 or BIOL 301 or other suitable laboratory course) (Restriction: Open only to Biology students. Not open to students who have taken BIOL 471 or BIOL 471D1/D2.) (Projects must be arranged individually with a staff member of the Biology Department and a form from Ms. A. Comeau, Room W4/13, Stewart Building, must be completed prior to registration.) Independent research project.

BIOL 573 Vertebrate Palaeontology Field Course.

(3) (Summer) (Prerequisites: BIOL 304 and BIOL 352 or permission of instructor.) (Notes: Spring field course with completed project and presentation by the end of the summer. Given in a selected Late Cretaceous Alberta and/or Saskatchewan site. Enrolment limited to 15 students.) Terrestrial vertebrate fossils (i.e. dinosaurs, crocodiles and other reptiles) and palaeocommunity analysis, including practical training with fossil identification, mapping, collecting, and stratigraphic interpretation.

CHEM-Chemistry

Offered by: Chemistry

CHEM 211 Organic Chemistry 1 Lectures.

(3) (Summer) (3 lectures) (Prerequisite: CHEM 110 or equivalent.) (Corequisite: CHEM 120 or equivalent.) (Restrictions: Not open to students who are taking or have taken CHEM 212 or equivalent. Permission of the Department of Chemistry is required.) (Note: Some CEGEP programs provide equivalency for this course. For more information, please see the Department of Chemistry's Web page (<http://www.chemistry.mcgill.ca/advising/outside/equivalent.htm>).) A survey of reactions of aliphatic and aromatic compounds including modern concepts of bonding, mechanisms, conformational analysis, and stereochemistry.

CHEM 212 Introductory Organic Chemistry 1.

(4) (Summer) (3 lectures and a laboratory) (Prerequisite: CHEM 110 or equivalent.) (Corequisite: CHEM 120 or equivalent.) (Restriction: Not open to students who are taking or have taken CHEM 211 or equivalent) (Each lab section is limited enrolment) (Note: Some CEGEP programs provide equivalency for this course. For more information, please see the Department of Chemistry's Web page (<http://www.chemistry.mcgill.ca/advising/outside/equivalent.htm>).) A survey of reactions of aliphatic and aromatic compounds including modern concepts of bonding, mechanisms, conformational analysis, and stereochemistry.

CHEM 222 Introductory Organic Chemistry 2.

(4) (Summer) (Prerequisite: CHEM 212 or equivalent.) (Restriction: Not open to students who have taken Chemistry 302 or equivalent at CEGEP.) Modern spectroscopic techniques for structure determination. The chemistry of alcohols, ethers, carbonyl compounds, and amines, with special attention to mechanistic aspects. Special topics.

CHEM 224 Organic Chemistry Laboratory 1.

(1) (Summer) (4 hours laboratory) (Open only to students who have the lecture equivalent of CHEM 212) Illustrative experiments in organic chemistry. Laboratory section of CHEM 212.

CHEM 234 Topics in Organic Chemistry.

(3) (Summer) ((3-0-6)) (Prerequisite: CHEM 212 or equivalent) (Restriction: For Chemical Engineers only or Permission of Department.) Modern spectroscopic techniques for structure determination. The chemistry of alcohols, ethers, carbonyl compounds, and amines, with special attention to mechanistic aspects. Special topics.

CHEM 244 Organic Chemistry Laboratory 2.

(1) (Summer) (4 hours laboratory) (Prerequisite: CHEM 234 or equivalent) Laboratory section of CHEM 222.

COMP-Computer Science

Offered by: Computer Science

COMP 396 Undergraduate Research Project.

(3) (Summer) (Restrictions: This course cannot be taken under the S/U option. Departmental permission required. Students cannot be supervised by the same instructor for two 396 Science courses. Open to students in programs offered by the Faculty of Science only.) (Note: Enrolment may be limited. Students are advised to start the application process well before the start of the term and to plan for an alternative course in the case that no suitable project is available. Individual projects will be suggested each term which may have project-specific prerequisites. Some projects may be accessible to students in other disciplines. See <http://www.mcgill.ca/science/ours> for more information about available projects and application forms and procedures.) Independent research project with a final written report.

COMP 400 Technical Project and Report.

(3) (Summer) (Prerequisites: 15 Computer Science credits.) (Restriction: For Honours students) A computer related project, typically a programming effort, along with a report will be carried out in cooperation with a staff member in the School of Computer Science.

EPSC-Earth & Planetary Sciences

Offered by: Earth & Planetary Sciences

EPSC 231 Field School 1.

(3) (Summer) (Prerequisite: EPSC 203, EPSC 212, or equivalent) Geological mapping of selected areas, preparation of maps, reports from field notes, aerial photographs, etc.

EPSC 331 Field School 2.

(3) (Summer) (Two-week intensive field school to a range of national and international locations.) (Prerequisites: enrollment in U2 or U3 EPS program and permission of the instructor.) (Alternates years with EPSC 341.) Two week field studies in selected branches of the geosciences.

GEOG-Geography

Offered by: Geography

GEOG 302 Environmental Management 1.

(3) (Summer) (3 hours) (Prerequisite: Any 200-level course in GEOG or MSE or BIOL 208 or permission of instructor.) An ecological analysis of the physical and biotic components of natural resource systems. Emphasis on scientific, technological and institutional aspects of environmental management. Study of the use of biological resources and of the impact of individual processes.

GEOG 495 Field Studies - Physical Geography.

(3) (Summer) (2-week field school) (Prerequisites: 6 credits from the following list of Systematic Physical Geography courses: GEOG 305, GEOG 321, GEOG 322, GEOG 350, GEOG 372) Field research projects in physical geography. Held locally in Monteregian or Eastern Township regions. The course is organized around field projects designed to formulate and test scientific hypotheses in a physical geography discipline. May summer session. Preregistration in Department required by March 16.

MATH-Mathematics & Statistics

Offered by: Mathematics and Statistics

MATH 133 Vectors, Matrices and Geometry.

(3) (Summer) (Prerequisite: a course in functions) (Restriction: Not open to students who have taken MATH 221 or CEGEP objective 00UQ or equivalent.) (Restriction Note B: Not open to students who have taken or are taking MATH 123, MATH 130 or MATH 131, except by permission of the Department of Mathematics and Statistics.) Systems of linear equations, matrices, inverses, determinants; geometric vectors in three dimensions, dot product, cross product, lines and planes; introduction to vector spaces, linear dependence and independence, bases; quadratic loci in two and three dimensions.

MATH 140 Calculus 1.

(3) (Summer) (3 hours lecture, 1 hour tutorial) (Prerequisite: High School Calculus) (Restriction: Not open to students who have taken MATH 120, MATH 139 or CEGEP objective 00UN or equivalent) (Restriction: Not open to students who have taken or are taking MATH 122 or MATH 130 or MATH 131, except by permission of the Department of Mathematics and Statistics) (Each Tutorial section is enrolment limited) Review of functions and graphs. Limits, continuity, derivative. Differentiation of elementary functions. Antidifferentiation. Applications.

MATH 141 Calculus 2.

(4) (Summer) (Prerequisites: MATH 139 or MATH 140 or MATH 150.) (Restriction: Not open to students who have taken MATH 121 or CEGEP objective 00UP or equivalent) (Restriction Note B: Not open to students who have taken or are taking MATH 122 or MATH 130 or MATH 131, except by permission of the Department of Mathematics and Statistics.) (Each Tutorial section is enrolment limited) The definite integral. Techniques of integration. Applications. Introduction to sequences and series.

MATH 203 Principles of Statistics 1.

(3) (Summer) (No calculus prerequisites) (Restriction: This course is intended for students in all disciplines. For extensive course restrictions covering statistics courses see Section 3.6.1 of the Arts and of the Science sections of the calendar regarding course overlaps.) (You may not be able to receive credit for this course and other statistic courses. Be sure to check the Course Overlap section under Faculty Degree Requirements in the Arts or Science section of the Calendar. Students should consult <http://www.mcgill.ca/student-records/transfercredits/> for information regarding transfer credits for this course.) Examples of statistical data and the use of graphical means to summarize the data. Basic distributions arising in the natural and behavioural sciences. The logical meaning of a test of significance and a confidence interval. Tests of significance and confidence intervals in the one and two sample setting (means, variances and proportions).

MATH 222 Calculus 3.

(3) (Summer) (Prerequisite: MATH 141. Familiarity with vector geometry or Corequisite: MATH 133) (Restriction: Not open to students who have taken CEGEP course 201-303 or MATH 150, MATH 151 or MATH 227) Taylor series, Taylor's theorem in one and several variables. Review of vector geometry. Partial differentiation, directional derivative. Extreme of functions of 2 or 3 variables. Parametric curves and arc length. Polar and spherical coordinates. Multiple integrals.

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MATH 262 Intermediate Calculus.

(3) (Summer) ((3-1-5)) (Prerequisites: MATH 141, MATH 133 or equivalent.) (Restrictions: Open only to students in the Faculty of Engineering. Not open to students taking or having taken MATH 151, MATH 152, MATH 222 OR MATH 260.) Series and power series, including series solutions to ODEs at ordinary points. Brief review of vector geometry. Vector functions and curves. Partial differentiation and differential calculus for vector valued functions. Unconstrained and constrained extremal problems.

MATH 263 Ordinary Differential Equations and Linear Algebra.

(3) (Summer) ((3-1-5)) (Corequisite: MATH 262 or MATH 260.) (Restrictions: Open only to students in the Faculty of Engineering. Not open to students taking or having taken MATH 261, MATH 315, or MATH 325.) First Order ODEs. Second and higher order linear ODEs. Laplace Transforms. Linear Algebra: introduction to vector spaces, linear transformations, diagonalization of matrices (in particular symmetric matrices), applications to linear systems of differential equations.

MATH 264 Advanced Calculus ENG.

(3) (Summer) ((3-1-5)) (Prerequisites: MATH 260 or MATH 262 or MATH 151 or MATH 152 or equivalent.) (Corequisites: Math 263) (Restrictions: Open only to students in the Faculty of Engineering. Not open to students taking or having taken MATH 248, MATH 265 or MATH 314.) Multiple integration. Vector fields. Vector calculus. Introduction to partial differential equations and Fourier Series.

MATH 314 Advanced Calculus.

(3) (Summer) (Prerequisites: MATH 133, MATH 222) (Restriction: Not open to students who have taken or are taking MATH 248) Derivative as a matrix. Chain rule. Implicit functions. Constrained maxima and minima. Jacobians. Multiple integration. Line and surface integrals. Theorems of Green, Stokes and Gauss.

MATH 315 Ordinary Differential Equations.

(3) (Summer) (Prerequisite: MATH 222.) (Corequisite MATH 133) (Restriction: Not open to students who have taken or are taking MATH 325) First order ordinary differential equations including elementary numerical methods. Linear differential equations. Laplace transforms. Series solutions.

MATH 323 Probability.

(3) (Summer) (Prerequisites: MATH 141 or equivalent.) (Restriction: Intended for students in Science, Engineering and related disciplines, who have had differential and integral calculus) (Restriction: Not open to students who have taken or are taking MATH 356) Sample space, events, conditional probability, independent events, Bayes' Theorem. Basic combinatorial probability, random variables, introductory univariate and discrete multivariate distributions. Independence. Moment generating functions. Expectation, conditional expectation. Inequalities, the weak law of large numbers, central limit theorem. Information theory. Markov chains.

MATH 348 Topics in Geometry.

(3) (Summer) (Prerequisite: MATH 133 or equivalent or permission of instructor.) Selected topics - the particular selection may vary from year to year. Topics include: isometries in the plane, symmetry groups of frieze and ornamental patterns, equidecomposability, non-Euclidean geometry and problems in discrete geometry.

NSCI-Neuroscience

Offered by: Biology

NSCI 410 Independent Research 1.

(6) (Summer) (Prerequisite: NSCI 200, 201 and 300) (Restrictions: Only open to students registered in the B.Sc. Neuroscience Major. Not open to students who have taken or are taking NSCI 420D1 & D2.) Independent laboratory research in neuroscience.

PHYS-Physics

Offered by: Physics

PHYS 396 Undergraduate Research Project.

(3) (Summer) (Restrictions: This course cannot be taken under the S/U option. Departmental permission required. Students cannot be supervised by the same instructor for two 396 Science courses. Open to students in programs offered by the Faculty of Science only.) (Note: Enrolment may be limited. Students are advised to start the application process well before the start of the term and to plan for an alternative course in the case that no suitable project is available. Individual projects will be suggested each term which may have project-specific prerequisites. Some projects may be accessible to students in other disciplines. See <http://www.mcgill.ca/science/ours> for more information about available projects and application forms and procedures.) Independent research project with a final written report.

PHYS 479 Honours Research Project.

(3) (Summer) (6 hours) Honours supervised research project.

PSYC-Psychology

Offered by: Psychology

PSYC 100 Introduction to Psychology.

(3) (Summer) (2 lectures; 1 conference) (Restriction: Not open to students who have passed an Introductory Psychology course in CEGEP: 350-101 or 350-102 or equivalent) Introduction to the scientific study of mind and behavior, including basic concepts and methods in psychology while also highlighting the relevance of psychology to everyday life; attachment, aggression, depression, parenting and personality change.

PSYC 204 Introduction to Psychological Statistics.

(3) (Summer) (2 lectures; 1 conference) (Restriction: Not open to students who have passed a CEGEP statistics course(s) with a minimum grade of 75%: Mathematics 201-307 or 201-337 or equivalent or the combination of Quantitative Methods 300 with Mathematics 300) (This course is a prerequisite for PSYC 305, PSYC 406, PSYC 310, PSYC 336) (You may not be able to receive credit for this course and other statistic courses. Be sure to check the Course Overlap section under Faculty Degree Requirements in the Arts or Science section of the Calendar.) The statistical analysis of research data; frequency distributions; graphic representation; measures of central tendency and variability; elementary sampling theory and tests of significance.

PSYC 212 Perception.

(3) (Summer) (2 lectures; 1 conference) Perception is the organization of sensory input into a representation of the environment. Topics include: survey of sensory coding mechanisms (visual, auditory, tactile, olfactory, gustatory), object recognition, spatial localization, perceptual constancies and higher level influences.

PSYC 305 Statistics for Experimental Design.

(3) (Summer) (Prerequisite: PSYC 204 or equivalent) (This course is required of all students who propose to enter an Honours or Major program in Psychology) (You may not be able to receive credit for this course and other statistic courses. Be sure to check the Course Overlap section under Faculty Degree Requirements in the Arts or Science section of the Calendar.) An introduction to the design and analysis of experiments, including analysis of variance, planned and post hoc tests and a comparison of anova to correlational analysis.

Campus Maps

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