



McGill University:

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Admission:

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1 General University Information and Regulations

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ties in which they are registered, including those policies contained in the University Calendars and related fee documents. Their obligation as a student commences with their registration and terminates in accordance with the University's statutes, regulations, and policies.

Students should verify any information or statement provided as part of their application, realizing that an admission granted based on information in their application or supporting documents that is incorrect or untrue may be revoked at the sole discretion of the University.

1.1.3 Student Rights and Responsibilities

The *Handbook of Student Rights and Responsibilities* is published jointly by the Office of the Dean of Students and the University Secretariat. A compendium of regulations and policies governing student rights and responsib

cial University communications, it is the student's responsibility to ensure that time-critical e-mail is accessed, read, and acted upon in a timely fashion. If a student chooses to forward University e-mail to another e-mail mailbox, it is that student's responsibility to ensure that the alternate account is viable.

It is a violation for any user of official McGill e-mail addresses to impersonate a University officer, a member of the faculty, staff or student body, in line with the McGill University "Code of Conduct for Users of McGill Computing Facilities" and relevant federal and provincial legislation.

More information about e-mail procedures is available at www.mcgill.ca/email-policy. E-mail support is provided by IST Customer Support (ICS). Please see section 1.8.7.1 "IST Customer Services (ICS)".

1.1.7 Language Policy

The language of instruction at McGill is English. Some courses are offered in French. Every student has a 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.

It is recommended that students who lack proficiency in English avail themselves of the opportunity to take an intensive English as a second language course prior to, or early in, their program of studies. Information concerning second language course offerings can be found in the Faculty of Arts section of the Undergraduate Calendar and in the Summer Studies and Continuing Education Calendars.

1.1.8 Proof of Proficiency in English

Applicants are not required to submit proof of proficiency in English if they meet one of the following conditions: their mother tongue/first language is English; or they have completed both Secondary V and a Diploma of Collegial Studies in Quebec; or they have studied for five or more years in an institution where English is the primary language of instruction.

All other applicants must demonstrate proficiency in English, using one of the following five options:

Test of English as a Foreign Language (TOEFL)

Most undergraduate programs require 233 (577 for the paper-

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Registered students may obtain an ID card at these times and locations:

On the Macdonald Campus, registered students may obtain an ID card from the Student Affairs Office, Room 106, Laird Hall, from Monday, August 22 to Wednesday, August 31 by appointment through the Orientation Schedule.

Two additional characters (D1, D2, N1, N2, J1, J2, J3) at the

- signed 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.

1.4 Calendar of Dates 2005-2006

The complete Calendar of Dates is available on the Web at www.mcgill.ca/student-records. The excerpt published herein was accurate as of June 2005. The information is subject to change and users are advised to verify important dates by checking the Web. Key dates for the faculties and schools included in this Calendar are given below. Unless otherwise specified, dates given for faculties apply to any schools therein.

FACULTY / SCHOOL LEGENDS			
A&ES	Agricultural and Environmental Sciences	MGMT	Management
ARCH	Architecture	MSW	Master in Social Work
ART	Arts	MUS	Music
BSW	Bachelor of Social Work	REL	Religious Studies
CE	Continuing Education	SCI	Science
DENT	Dentistry	SPBSW	Special Bachelor of Social Work
D&HN	Dietetics and Human Nutrition	ALL	All students
EDUC	Education	NEW	New students
ENG	Engineering	RET	Returning students
FMT	Farm Management Technology	SPECIAL	Special Students (Summer Session only)
GRAD	Graduate Studies	VISITING	Visiting Students (Summer Session only)
LAW	Law	→	Read Activity column for details
MED	Medicine		

ACTIVITY CODE LEGENDS

ADV	Academic Advising	MTG	Meeting
APP	Application	NOTE	Nics appln694.5(52345.411nF411 7wF411 35.5(M)-6..151

DATE	ACTIVITY CODE	FACULTY/ S
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Apr. 5, Tues.

REG

Registration using Minerva begins for

July 2005

July 1, Fri.	HOLIDAY		CANADA DAY. Classes cancelled. Administrative offices closed.
July 4, Mon.	HOLIDAY		Administrative offices closed (for Canada Day).
July 14, Thurs.	REG	MUS	Deadline for returning students to submit practical lesson assignment cards

Aug. 16, Tues.

REG

MED/
DENT

Mandatory in-faculty confirmation of registration for 1st

Sept. 6, Tues.	STAGE	BSW	B.S.W. Field Practice commences.
Sept. 6, Tues.	AWRD	GRAD	Start of external and internal graduate fellowship competitions for 2006-2007 funding. Graduate and final year undergraduate students should inquire in their department and on the fellowships website at www.mcgill.ca/gps/fellowships/ regarding information session schedules and application procedures and deadlines.
Sept. 6, Tues.	LEC	CE	Lectures begin in non-credit courses in English and French Language programs at Continuing Education (except Special Intensive English and French).
Sept. 6, Tues.	ORIENT	P&OT	Orientation for 3 rd year Physical and Occupational Therapy students.
Sept. 6, Tues.	LEC	P&OT	Lectures begin for 3 rd year Physical and Occupational Therapy students.
Sept. 12, Mon. to Sept. 16, Fri.	PREXAM	MUS	Practical Examinations for Summer graduates in Music.
Sept. 13, Tues.	W		Deadline for Web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in Summer 2005 (with fee refund for Fall term) for students in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Physical and Occupational Therapy, Religious Studies, Social Work, and Science (no withdrawals from Education Intensive courses).
	NOTE		Please note that students in multi-term courses with course numbers ending in N1 and N2 only (started in the Winter, skip the Summer, are completed in the subsequent Fall term) may withdraw on Minerva until May 15 and following May 15 until the end of the Fall term course change period on September 13 (with full refund for the Fall term) by contacting their faculty Student Affairs Office.
Sept. 13, Tues.	ORIENT	POSTDOC	University Orientation for new postdoctoral scholars in Thomson House, 3650 McTavish Street, 5:00 - 6:00 p.m.
Sept. 13, Tues.	REG		Course Change (drop/add) deadline for Fall term and first part of multi-term courses starting in September 2005 for Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music (exc

Oct. 17, Mon.	THES	GRAD	Deadline for submission of Master's theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to graduate in February 2006. Meeting this deadline does not guarantee a Winter graduation.
Oct. 19, Wed.	AWRD	A&ES	Scholastic Awards Reception and Presentation, Faculty of Agricultural and Environmental Sciences.
Oct. 20, Thurs.	CONV	ALL	14:30 Fall Convocation.
November 2005			
Nov. 1, Tues.	APP	REL	Application

Dec. 6, Tues. to
Jan. 3, Tues.

REG

Winter term registration period for new students in Agricultural and Environmental Sciences, Arts, Education, Engineering

Mar. 17, Fri.	EXAM	A&ES	Deadline to report all exam conflicts to the Student Affairs Office (Laird Hall, Room 106) for Winter term exams.
Mar. 20, Mon. to Apr. 28, Fri.	STAGE	P&OT	Clinical Affiliation for 1 st year Physical and Occupational Therapy students.
Mar. 31, Fri.	FORM	EDUC	Deadline to submit waiver forms for Teacher Certification for Spring and Fall graduates to the Student Affairs Office.
Mar. 31, Fri.	FORM	EDUC	Placement forms due at the Office of Student Teaching for Field Experience courses for returning students for 2006-2007.
Mar. 31, Fri.	LEC	DENT	Last day of lectures for Winter term for 4 th year Dentistry students.
April 2006			
Apr. 3, Mon. to Apr. 21, Fri.	EXAM	DENT	Examination period for 4 th year Dentistry students.
Apr. 10, Mon.	INFO		Last day for students to request fee exemptions from and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Admissions, Recruitment and Registrar's Office for the winter 2006 term. Students in Medicine or Continuing Education should submit their documents directly to their Faculty Student Affairs office or the Centre for Continuing Education. Documents received after this date will be updated for the following term only.
Apr. 10, Mon.	LEC		Last day of lectures for Winter term in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (2 nd and 3 rd year), Religious Studies, Social Work (BSW/MSW), Science.
Apr. 11, Tues. to Apr. 28, Fri.	EXAM		Examination period for Winter term and multi-term courses given by Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (2 nd and 3 rd year), Religious Studies,

May 15, Mon.	W		Deadline for web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in the Winter term 2006 and end in the Summer term or in the Fall term (with fee refund for Winter term) for students in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science (no withdrawals from Education Intensive).
May 15, Mon.	W--	GRAD	Deadline for newly admitted students beginning their graduate thesis program in a Summer Term of Residence to withdraw from the University, with fee refund (less deposit or \$100 minimum charge).
May 19, Fri.	LEC	P&OT	End of Winter term 2006 for Physical and Occupational Therapy students - Integration Block.
May 22, Mon.	HOLIDAY		VICTORIA DAY (Classes cancelled). Administrative offices closed.
May 23, Tues. to May 31, Wed.	EXAM	P&OT	Examination period for 1 st year Physical and Occupational Therapy students, Integration Block.
May 29, Mon.	DEF/SUPP	LAW	Law application deadline for deferred and supplemental examinations (Fall term, Winter term and full year courses).
May-June-July-Aug. June 2006	STAGE	P&OT	Clinical Affiliations for 2 nd year Physical and Occupational Therapy students.
TBA	CONV		2006 Convocations
June 1, Thurs.	APP	REL	Deadline for application for Fall admission to Faculty of Religious Studies, BTh Program.
June 1, Thurs.	APP	CE	Application deadline for Fall admission to Continuing Education Programs.
June 1, Thurs.	IFT	P&OT	Physical and Occupational Therapy application deadline for Fall term, 2006 inter-faculty transfers.
June 1, Thurs.	IFT		Agricultural and Environmental Sciences, Arts, Education, Engineering, Management, Nursing and Science application deadline for Fall term 2006 inter-faculty transfers. This deadline also applies to Continuing Education students wishing to transfer into Management.
June 1, Thurs.	PREXAM	MUS	Application deadline for September practical examinations in Music. (Summer graduands only.)
June 2, Fri.	LEC/EXAM/ STAGE	NURS	Last day of stage (including examinations) for U3 Nursing students. Last day of lectures, stage (including examinations) for U2 Nursing students.
June 6, Tues.	LEC	SPBSW	Last day of lectures for outgoing Special B.S.W. students.
June 16, Fri.	LEC/ STAGE	NURS	Last day of lectures, stage (including examinations) for U1 B.Sc.(N.) students.
June 16, Fri.	STAGE	SPBSW/ D & HN	Last day of Field Practice for outgoing Special B.S.W. students and last day for NUTR 311, Stage in Dietetics 2B.
June 19, Mon.	LEC/ EXAM	DENT/ MED	Last day of lectures (including examinations) for 1 st & 3 rd year Dentistry students and 1 st year Medicine students.
June 22, Thurs.	HOLIDAY NOTE		Administrative offices closed (for La Fête Nationale du Québec). Between June 23 and August 11 (inclusive) administrative offices will be closed each Friday. Although the Admissions, Recruitment & Registrar's Office and some administrative offices will be open on Friday, August 18, students are urged to inquire in advance to ensure the office they wish to contact is open on this day.
June 23, Fri.	HOLIDAY		LA FÊTE NATIONALE DU QUÉBEC (observed). Libraries closed. Classes cancelled. Administrative offices closed.
June 26, Mon.	STAGE	D & HN	Placements begin for NUTR 209, Professional Practice Stage 1B (Dietetics).
June 29, Thurs.	HOLIDAY		Administrative offices closed (for Canada Day).
June 30, Fri.	HOLIDAY		CANADA DAY (observed). Libraries closed. Classes cancelled. Administrative offices closed.
July 2006			
July 5, Wed.	LEC/ EXAM	DENT	Last day of lectures (including examinations) for 2 nd year Dentistry students.
July 13, Thurs.	REG	MUS	Deadline for returning students to submit practical lesson assignment card without a late fee.
July 15, Sat.	SUPP		Application deadline for supplemental examinations for courses ending in Winte Twudents. exirse

1.5 Fees

The University reserves the right to make changes without notice in the published scale of fees.

1.5.12 Faculty of Dentistry – D.M.D.

Fees / Charges	Year 1 (*64 credits)	Year 2 (*66 credits)	Year 3 (*51 credits)	Year 4 (*34 credits)
Tuition				
Quebec students	3,559.04	3,670.26	2,836.11	1,890.74
Out-of-province students	9,921.92	10,231.98	7,906.53	5,271.02
International students	38,102.40	39,293.10	30,362.85	20,241.90
Society Fees (See Note 1)	420.82	420.82	400.82	400.82
Student Services	384.00	384.00	384.00	384.00
Registration and Transcripts Charges	323.10	323.10	323.10	219.00
Information Technology Charge	265.95	265.95	265.95	171.30
Copyright Fee	18.90	18.90	18.90	18.90
Class Notes	730.00	0	0	0
Equipment Rental	207.00	320.00	1,000.00	1,000.00
Total Fees –				
Quebec students	\$5,908.81	\$5,403.03	\$5,228.88	\$4,084.76
Out-of-province students	\$12,721.69	\$11,964.75	\$10,299.30	\$7,465.04
International students	\$40,453.48	\$41,027.18	\$32,756.93	\$22,437.23

* Average number of credits taken each year.

Note 1: International student society fees reduced by \$86.40 for the student health insurance plan.

As of June 2005

1.5.13 Faculty of Medicine – M.D.,C.M.

Fees / Charges	Year 1 (*64 credits)	Year 2 (*52 credits)	Year 3 (*48 credits)	Year 4 (*37 credits)
Tuition				
Quebec students	3,559.04	2,891.72	2,669.28	2,057.57
Out-of-province students	9,921.92	8,061.56	7,441.44	5,736.11
International students	23,975.04	19,479.72	17,981.28	13,860.57
Society Fees (See Note 1)	568.82	557.82	526.82	508.32
Student Services	384.00	384.00	384.00	384.00
Registration and Transcripts Charges	323.10	323.10	323.10	219.00
Information Technology Charge	265.95	265.95	265.95	171.30
Copyright Fee	18.90	18.90	18.90	18.90
Class Notes	850.00	0	0	0
Equipment Rental & Purchase	207.00	0	0	0
Total Fees				
Quebec students	\$6,176.81	\$4,441.49	\$4,188.05	\$3,359.09
Out-of-province students	\$12,539.69	\$9,611.33	\$8,960.21	\$7,037.63
International students	\$26,506.41	\$20,943.09	\$19,413.65	\$15,075.69

* Average number of credits taken each year.

Note 1: International student society fees reduced by \$86.40 for the student health insurance plan.

As of June 2005

**1.5.14 School of Dietetics and Human Nutrition –
B.Sc.(Nutr.Sc.) (based on 30 credits per year)**

Fees / Charges	Quebec Students	Non-Quebec Canadians	International Students
Tuition	1,668.30	4,650.90	13,230.00
Society and Other Fees	261.60	261.60	193.92
Student Services	384.00	384.00	384.00
Registration and Transcripts Charges	216.90	216.90	216.90
Copyright Fee	18.90	18.90	18.90
Information Technology Charge	178.50	178.50	178.50
TOTAL	\$2,728.20	\$5,710.80	\$14,222.22

As of June 2005

**1.5.15 School of Nursing – B.Sc.(N.) and B.N.
(based on 30 credits per year)**

**1.5.16 School of Physical and Occupational Therapy –
B.Sc.(Phys.Ther.), B.Sc.(Occ.Ther.)
(based on 30 credits per year)**

1.6 Student Records

1.6.1 Changes to Student Records after Normal Deadlines

Students are permitted to make record changes, such as course add/drop, course withdrawal, etc., at given times during each term. If a student is not able to make a change during the required period, he or she must follow the procedures described under the section relating to that change.

Students must also be aware that faculties have deadlines after which they can no longer consider any special student record requests for a given term despite the dates listed below. These deadlines are set by the Admissions, Recruitment and Registrar's Office (ARR), and the procedures that must be followed are described in the following two sections.

1.6.1.1 Fee-related Changes

Changes that would alter a student's citizenship and/or immigration or fee exemption status, and therefore the level of tuition they are required to pay, are dealt with in [section 1.2.4.1 "Documentation for Permanent Code, Citizenship and Proof of Quebec Residency"](#).

This section deals with other changes that affect fees or government reporting, such as:

- Adding/Deleting a Term
- Adding/Deleting a Course
- University withdrawal with a refund
- Grade of a 'W' with a refund
- Changing a Thesis program to Non-thesis, and vice versa
- Including/excluding a course as part of a program

Such fee-related changes to students' records, if approved by the student's faculty, are to be completed by the dates given below. The faculties have until these dates to make the changes. Any changes that require ARR action must be submitted in advance of these dates:

Fall term – January 31

Winter term – June 1

Summer term – October 1

A change that affects fees that affects f.125(ee-7)6Walw4(afnrthat)(rm –)7.-0.054.6Wcpbe dates

1.6.2.4 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 on the Web at www.mcgill.ca/student-records/transcripts.

1.7 Graduation

In order to graduate, a student must complete faculty and program requirements. **It is the student's responsibility to ensure that all faculty requirements are met before graduation.** All students should contact their advisers (Senior Student Adviser, in Music) early in the graduating year with any questions as to whether they will meet the necessary program requirements by graduation time.

1.7.1 Apply to Graduate

Students must indicate their expected graduation term on Minerva using the "apply for graduation" option under the Student Records menu and should verify this information on unofficial transcripts and verification forms. The student affairs office should be

health disciplines; participation in faculty development workshops and conferences. This Unit also administers the Bioethics Master's Program, and provides the core bioethics courses and supervision of theses, in collaboration with the Faculties of Medicine, Law, and Religious Studies, and the Department of Philosophy. Master's students from all those disciplines are eligible for this Master's Degree with a specialization in bioethics. It is an interdisciplinary academic program that emphasizes both the conceptual and the practical aspects of bioethics and ordinarily takes two years to complete. The Unit provides and coordinates clinical ethics services for the McGill teaching and affiliated hospitals. This service includes the provision of in-hospital clinical ethicists from the Unit who provide ethics consults as well as chair or co-chair the Clinical Ethics Committees and serve on the Research Ethics Committees. Members of the Unit are active in a variety of interdisciplinary research areas from the perspectives of bioethics and health law. Current areas of research include clinical trials, genetics, ethics-law interaction, psychiatric ethics, ethics and culture. The Unit has seminars open to McGill faculty and students and the public on a variety of contemporary bioethics issues. Unit members and research associates actively collaborate with members of various McGill faculties and units as well as nationally and internationally in research, teaching and clinical activities. There are currently five academic members located on a full-time basis in the Unit offices, representing the disciplines of philosophy, religious studies, medicine and law. The current director of the Unit is Kathleen Cranley Glass, LLB, BCL, DCL E-mail: kathleen.glass@mcgill.ca.

Centre for Bone and Periodontal Research

and management of this disease as well as to provide an internationally recognized training ground for the next generation of investigators. Scientific activities of the Group are mainly concentrated on the following topics: signaling and molecular mechanisms in apoptosis and cell division, differentiation and motility, genetics of Complex Traits, development of new mouse models of human cancer, Cell Transfer System, Chemical Biology of cancer targets, Development Biology, Identification of complex traits markers in cancer and Research and validation of new therapeutic targets for cancer. Associate members involved in both basic and clinical cancer research interact regularly with a core of investigators housed in the Group itself. The Group's office is in the McIntyre Medical Sciences Building.

McGill Centre for Studies in Aging

Douglas Hospital, 6825 LaSalle Boulevard,
Verdun, QC H4H 1R3

The specific goals of the Centre are: i) to bring together investigators in the basic sciences, the clinical sciences, the social sciences, and other disciplines, to create a greater knowledge base for understanding of the aging process; ii) to serve as a focus for education and training of those individuals concerned with the

Residences: offers accommodation for approximately 2,400 students.

Student Housing Office (514) 398-6368
E-mail: housing.residences@mcgill.ca
Website: www.mcgill.ca/residences

Office for Students with Disabilities: coordinates services to meet the special needs of students with disabilities.

Brown Building, Suite 3100 (514) 398-6009
E-mail: disabilities.students@mcgill.ca TDD: (514) 398-8198
Website: www.mcgill.ca/osd

Tutorial Service: sponsors an extensive tutorial program for students.

Brown Building, Suite 4200 (514) 398-6011
E-mail: tutoring.service@mcgill.ca

1.9.3 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 Dean of Students, in cooperation with the Faculty of Agricultural and Environmental Sciences, offers students direct access to the services listed below.

Further information can be found on the Web at www.mcgill.ca/macdonald-studentservices, and the Student Services Website, www.mcgill.ca/studentservices.
Unless otherwise noted

1.10 History of the University

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 29,000 students are taking regular university courses; one in four is registered in Graduate Studies.

The University is also active in providing courses and

2 Faculty of Dentistry

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2.1 The Faculty

2.1.1 Location

Faculty of Dentistry
 Strathcona Anatomy and Dentistry Building
 3640 University Street
 Montreal, QC H3A 2B2
 Canada

Telephone: (514) 398-7227
 Fax: (514) 398-8900
 Fax: (Admissions) (514) 398-2028
 E-mail: undergrad.dentistry@mcgill.ca
 Web site: www.mcgill.ca/dentistry

2.1.2 Administrative Officers

FACULTY

James P. Lund; B.D.S.(Adelaide), Ph.D.(W.Ont.) **Dean**

Marie E. Dagenais; D.M.D.(Montr.), Dip.Rad.(Tor.)
Associate Dean (Academic Affairs)

Marc D. McKee; B.Sc., M.Sc., Ph.D.(McG.)
Associate Dean (Research)

Jocelyne S. Feine; D.D.S., M.S.(Texas), H.D.R.(Auverne)
Director (Graduate Programs)

Norman M. Miller; B.Sc., D.D.S.(McG.) **Director
(Community Relations)**

Jeffrey M. Myers; B.Sc., D.D.S.(McG.) **Director
(Undergraduate Clinical Programs)**

Edward D. Shields; B.Sc., D.D.S., Ph.D.(Ind.) **Chair,
Admissions Committee**

Patricia Bassett **Administrative Assistant
(Student Affairs)**

MULTIDISCIPLINARY RESIDENCY DIRECTORS

Stéphane Schwartz; D.M.D.(Montr.), M.Sc.Cert.Pedo.
 (Boston), F.I.C.D., F.A.C.D.

Montreal Children's Hospital

Norman M. Miller; B.Sc., D.D.S.(McG.)
Queen Elizabeth Health Complex

Antoine Chehade; B.Sc., D.D.S., M.Sc.(McG.)
**Royal Victoria Hospital and Montreal
General Hospital**

Melvin Schwartz; B.Sc., D.D.S.(McG.)
Sir Mortimer B. Davis-Jewish General Hospital

2.1.3 History

The history of dental education in Quebec goes back to 1892 when the Association of Dental Surgeons of the Province of Quebec founded, in Montreal, a dental school known as the Dental College of the Province of Quebec. Instruction in this College was in both English and French and the College was

tions to other teaching hospitals. The preclinical teaching laboratory is housed in the Strathcona Anatomy and Dentistry Building

Chemistry 302 (*or equivalent*);

Those who do not take this course in CEGEP will be required to take an equivalent course in the first year of the program.

The Dental Aptitude Test (DAT) is NOT required for entry into the Dent-P program.

Applicants not admissible to the Dent-P program:

- applicants who are completing a Diploma of Collegial Studies in more than two years (with the exception of certain students taking a “double DEC” or those enrolled in an approved Sports-Études program);
- CEGEP students who have formerly been enrolled in college or university programs or in post-secondary technical schools, within or outside of the province, are not eligible to apply.
- Applicants who have already obtained a Diploma of Collegial Studies who are registered in an undergraduate degree program or who have completed an undergraduate degree are not eligible.

9 0 0 0 . 0 - These students must fulfil the requirements for, and make able 7.125Ern258 TD0strff6.3778-0 d y 2 (g B or g 8r gent-rs) p p e s h r f e c p r o g r a m . h

abyd se stlt(al)]2.70-14.2370rmtmff6.3771.0007 Tc-0.0405 Prom

DR. SOO KIM LAN PRIZE IN DENTISTRY

Established in 2000 by Arthur Lau (B. Arch. 1962) and Crystal Soo Lau (B.Sc. 1962, M.Sc. 1964), for graduate students in the Faculty of Dentistry. Awarded by the Faculty of Dentistry to an outstanding graduating student who is entering a Residency or Post Graduate Program. Value: minimum \$500.

DR. WAH LEUNG FELLOWSHIP

Established in 1998 by a generous gift from a McGill graduate of Chemical Engineering (Class of 1959), from Hong Kong, in honour

of Dr. Wah Leung, the first Dean of Dentistry at the University of British Columbia. Awarded by the Faculty of Dentistry to an entering postdoctoral, doctoral or master's student in the Faculty of Dentistry who is working in 4.763 4rs174 TcO.7 o90 TD-0.PIOcto728.4109

2.4.2 Standards of Behaviour

The teacher/learner relationship is based on mutual trust, respect and responsibility. The Faculty of Dentistry therefore has many legitimate expectations related to the behaviour of students and faculty members. A Code of Conduct for the undergraduate medical program is printed in the Students' Handbook (distributed at orientation). The Faculty is committed to providing a learning environment which respects this Code. Student/faculty harassment, abuse and mistreatment are not tolerated. An evaluation protocol for professional behaviour is in the development phase. Students who demonstrate inappropriate professional conduct or are found guilty of a criminal offence may be dismissed from the Program.

2.4.3 Evaluation

The evaluation system is under constant review by the Faculties of Medicine and Dentistry. The Faculties reserve the right to change rules and regulations at any time, although in general such changes will not come into effect in the middle of an academic year/promotion period.

The four year dental curriculum is broken down into the folD5

plemental examinations in the course(s) failed, with the exception of the *Clinical Practice* courses. Students who are unsuccessful in a supplemental examination, or their GPA for all courses remains below 2.9, they will be required to repeat the year. Students who fail in a course comprising laboratory or clinical components may be required to fulfil prescribed additional laboratory or clinical work before presenting themselves for supplemental examinations. A fee may be attached to these requirements. These requirements will not be considered as a substitute for the supplemental examination itself.

Supplemental examinations will be held during the month of

DENT 311J1 ENDODONTICS. (1) (Students must also register for DENT 311J2 and DENT 311J3) (No credit will be given for this

Deadlines for receipt of the application on-line are as follows:

- Fall Term – March 1
- Winter Term – September 1
- Summer Term – November 1

M.Sc. in Dental Sciences, option in Oral and Maxillofacial Surgery

Applications must be submitted by September 15.

Information for financial support for this program may be obtained by writing to Dr. T.W. Head, Director of the program.

Further information may be obtained by writing to Graduate Program in Oral and Maxillofacial Surgery, Faculty of Dentistry.

2.7.4 Program Requirements

All students who are registered in Graduate Clinical Programs in the Faculty of Dentistry, McGill University, and who are not already registered with l'Ordre, must register with l'Ordre des Dentistes du Québec. Further information may be obtained from the Registrar of l'Ordre des Dentistes du Québec, 625 René-Lévesque Boulevard West, 15th Floor, Montreal, QC H3B 1R2.

M.SC. IN DENTAL SCIENCES

The M.Sc. degree should normally be completed within two years of full-time study.

Required Courses (8 credits)

- EPIB 607 (4) Inferential Statistics (or equivalent course)
- DENT 671D1 (2) Advanced Research Seminar
- DENT 671D2 (2) Advanced Research Seminar

Complementary Courses (8 – 14 credits)

chosen from the following:

- ANAT 632D1 (3) Experimental Morphology
- ANAT 632D2 (3) Experimental Morphology
- ANAT 663D1 (4.5) Histology
- ANAT 663D2 (4.5) Histology
- BIOC 404 (3) Biophysical Chemistry
- BIOC 450 (3) Protein Structure and Function
- BIOC 454 (3) Nucleic Acids
- BIOC 456 (3) Biochemistry of Membranes
- BIOL 524 (3) Topics in M:(3)

Other complementary courses in the University may be taken with the approval of the supervisor or research director.

Thesis Research Courses (24 – 30 credits)

The required number of Master's thesis credits (minimum 24) will be made up from among the following:

M.SC. IN DENTAL SCIENCE, OPTION IN ORAL AND MAXILLOFACIAL SURGERY (46 credits)

Duration: Four calendar years commencing July 1.

Students will register in the four-year graduate-training program, which leads to a McGill Certificate of Residency Training. They will concurrently register with the Graduate and Postdoctoral Studies Office during the Third and Fourth years of the program and complete the requirements for the M.Sc. degree during these two years.

Required Courses (16 credits)

Thesis Component – Required (30 credits)

2.7.5 Courses for the M.Sc. in Dental Sciences

Students preparing to register should consult the **Web at www.mcgill.ca/minerva** (click **Class Schedule**) for the most up-to-date list of courses available; courses may have been added, rescheduled or cancelled after this Calendar went to press. **Class Schedule lists courses by term and includes days, times, locations, and names of instructors.**

Courses with numbers ending D1 and D2 are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

The course credit weight is given in parentheses after the title.

DENT 504 BIOMATERIALS AND BIOPERFORMANCE. (3) (Restrictions: Graduate and final year undergraduates from physical, biological, medical and dental sciences, and engineering.) Biological and synthetic biomaterials, medical devices, and the issues related to their bioperformance. The physicochemical characteristics of biomaterials in relation to their biocompatibility and sterilization.

DENT 631 OMFS 2 SEMINAR. (3).

DENT 632 CLINICAL OMFS 2. (3).

DENT 632D1 (1.5), DENT 632D2 (1.5) CLINICAL OMFS 2. (Students must register for both DENT 632D1 and DENT 632D2) (No credit will be given for this course unless both DENT 632D1 and DENT 632D2 are successfully completed in consecutive terms) (DENT 632D1 and DENT 632D2 together are equivalent to DENT 632).

DENT 641 OMFS 3 SEMINAR. (3) Advanced seminar presented on a weekly basis on topics pertinent to Oral and Maxillofacial surgery.

DENT 642 CLINICAL OMFS 3. (3).

DENT 650 THESIS RESEARCH 1. (3) Independent work under the direction of a supervisor on a research problem in the student's designated area of research: Literature Review and Hypothesis Generation.

DENT 651 THESIS RESEARCH 2. (6) Independent work under the direction of a supervisor on a research problem in the student's designated area of research: Literature Review and Protocol Development.

DENT 652 THESIS RESEARCH 3. (9) Independent work under the direction of a supervisor on a research problem in the student's designated area of research.

DENT 652D1 (4.5), DENT 652D2 (4.5) THESIS RESEARCH 3. (Students must register for both DENT 652D1 and DENT 652D2) (No credit will be given for this course unless both DENT 652D1 and DENT 652D2 are successfully completed in consecutive terms) (DENT 652D1 and DENT 652D2 together are equivalent to DENT 652) Independent work under the direction of a supervisor on a research problem in the student's designated area of research.

DENT 653 THESIS RESEARCH 4. (15) Independent work under the direction of a supervisor on a research problem in the student's designated area of research: Data Analysis & Thesis Preparation.

DENT 653D1 (7.5), DENT 653D2 (7.5) THESIS RESEARCH 4. (Students must register for both DENT 653D1 and DENT 653D2) (No

3 Faculty of Medicine

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staff members of the recently opened Montreal General Hospital founded the Montreal Medical Institution in order to offer lectures to students of medicine. In 1833, four years after the Institution became the Faculty of Medicine, William Leslie Logie was

5. s'occupe des activités sportives et sociales des étudiants en médecine;
6. publie un journal, *The Placebo*, pour tous les étudiants en médecine;
7. reconnaît et supervise la formation et le fonctionnement d'organisations ou de sociétés d'étudiants en médecine à des fins diverses;
8. de façon générale, essaie de fournir les ressources et le personnel afin de rencontrer les besoins et les désirs des étudiants qui se font ressentir.

L'Association des étudiants en médecine a des membres sur plusieurs comités de la faculté y compris le "Curriculum Committee" et "Admissions Committee". Des renseignements sur nos activités peuvent facilement être obtenus au bureau de l'Association et nous souhaitons ardemment que tous les étudiants participent à nos activités.

Osler Society

The Osler Society was founded in 1921 to perpetuate the memory and teaching of Sir William Osler, the most illustrious graduate and professor of the Faculty of Medicine at McGill. Through the presentation of lectures and seminars by students and guest lecturers on topics in the medical humanities, the Society strives to uphold Osler's ideals of a liberal medical education.

Meetings are held throughout the academic year approximately once a month. In the fall, the Osler Lecture is given by a distinguished guest. It is followed by the Osler Banquet, a formal dinner in the grand tradition of the Society. Staff, students and the public are welcome at all Osler Society functions. Our website is www.med.mcgill.ca/oslerweb.

Phi Delta Epsilon

The Phi Delta Epsilon International Medical Fraternity is a professional, coeducational organization with a membership of over 25,000 students, interns, residents, and practicing physicians.

The McGill chapter was founded in 1926 to promote the highest ethical, scientific, and educational standards in the field of medicine. The chapter's activities reflect their long-term commitment to non-profit community service as well as addressing the need among medical students for a supportive, relaxed environment.

Phi Delta Epsilon's international network of graduate members also offers their student members many benefits, including: funding for a variety of projects; advice and support in the selection of electives, research and residency positions; awards for academic and research excellence, and for outstanding community service; low-interest student loans; regional and international conventions. Our website is www.phide.org.

McGill Journal of Medicine

The *McGill Journal of Medicine (MJM)* is a scholarly scientific journal providing an international forum for university students to publish original research, case reports, reviews and expository essays in any field of medicine. Established in May 1994, *MJM* is published and produced entirely by students in the Faculty of Medicine and in Graduate and Postdoctoral Studies at McGill.

Based on the principles of student excellence and education, *MJM* is unique among existing medical journals. It is the only student-run scientific journal devoted to publishing the original

guished work in connection with the history of Canadian medicine, the Sir William Osler Pathological Collection, and her outstanding research in congenital cardiac disease. Awarded by the Student



3.2.4 Loan Funds

MAUDE ABBOTT MEMORIAL LOAN FUND – established by the Federation of Medical Women of Canada. Any woman medical student, first year intern, or graduate student may apply to the Secretariat, Federation of Medical Women of Canada, Box 8244, Ottawa, Ontario, K1G 3H7.

BORIGHT LOAN FUND – established in 1963 by a bequest from the late George H. Boright to provide loans to deserving medical students.*

BOSWELL JAMES LOAN FUND – established in 1943 by Dr. A. Boswell James to provide loans for undergraduates and graduates.*

D

FOREIGN MEDICAL GRADUATES

Applicants who are Canadian citizens or Permanent Residents, who satisfy current Quebec residency requirements and who hold a medical degree awarded by a recognized university outside of Canada or the U.S., may be eligible to apply to the first year of the M.D.,C.M. program if:

- official transcripts sent by that university show numerical grades for all courses completed and,
- the candidate meets the specific requirements of science pre-requisites and MCATs described under the M.D.,C.M. program.

The criteria for selection will be identical to those applying to the M.D.,C.M. program with a bachelor's degree. The foreign medical degree and its GPA will be substituted for a bachelor's degree.

3.3.2.2 M.D./M.B.A. Program

The M.D./M.B.A. program recognizes that physicians will be increasingly involved in the growing partnerships between business and health/sickness care. The program will graduate a group of doctors with skills uniquely directed towards management in the health care sector. This will provide opportunity to compete for positions in a growing niche of physician-managers who will be found in all facilities from the smallest clinic to the largest tertiary health care facility, from research laboratory to university or hospi-

dents should also have software for word processing, e-mail and Web browsing.

3.3.4.3 Vaccination/Immunization Requirements

A COMPULSORY Immunization program exists at McGill for students in the Health Sciences Programs. Health Sciences students must start the immunization process as soon as they are accepted at McGill and must complete it well before they are permitted contact with patients. Entry into the McGill University Teaching Hospitals may be delayed if immunizations are incomplete.

Proof of immunity must be written and signed by either a nurse or a physician and include the following:

- 1) Proof of primary series vaccinations for Diphtheria, Tetanus and Polio and proof of Diphtheria, Tetanus, and Polio (Salk) vaccination boosters within the last 10 years.
- 2) Proof of live Measles, Mumps and Rubella vaccination received after 12 months of age and of a second measles vaccination, or positive serology for each of these agents.
- 3) Proof of a TWO step PPD skin test for Tuberculosis using the Mantoux method within the last 12 months or documentation of previously positive PPD and a normal chest x-ray.
- 4) Proof of Varicella vaccination or positive serology.
- 5) Proof of Hepatitis B vaccination and positive anti-hepatitis B surface antigen serology (i.e. anti-HBs). "Immunity" to hepatitis B may be documented by both a positive anti-Hepatitis B core antigen serology (i.e. anti-HBc) and absence of Hepatitis B surface antigen (i.e. HBsAg). In this latter case, vaccination is not necessary.

There are no exceptions to these requirements. Students who do not meet these requirements will be asked to withdraw.

Vaccination against other infectious diseases such as influenza may be required.

Health Sciences students who think they might be infected or think they have been exposed to a blood-borne disease should be tested for any or all blood-borne pathogens.

Students who are seropositive for Hepatitis B, C, HIV and/or any other blood-borne pathogens have an obligation to notify the Dean or Director of the school as soon as they know their serologic status. These students will be referred to the Infected Health Care Worker Committee of the McGill University Teaching Hospital Council or any similar body having the same function in respect of University's students. This Committee will make recommendations to the students and Faculty based on current scientific knowledge and relevant guidelines and practices. Students must follow the recommendations of the Committee. The Committee may recommend restricting the practice of these students. Students who carry blood-borne pathogens may not be permitted to perform procedures involving needles, scalpels or other sharp objects as this may pose a risk to patients and co-workers. **This means that they may not be able to complete their clinical requirements and may be required to withdraw.**

Applicants who know they are carrying blood-borne pathogens should consider carefully their intention to become healthcare workers and govern themselves accordingly.

Students involved in patient care must have relevant serologic. 1259plac6.75-0.03276))6-5.80]6-01TD(hc592the)7.30vepatieciately3 cussa-))TJgthed

lations. Currently, only Quebec accepts McGill Visa students into residency programs.

At the present time, international students wishing to pursue

3.3.9 Curriculum Outline for Class of 2007 (students admitted 2003) and Class of 2006 (students admitted 2002)

Where a student has failed one or more units, or has been found to have been engaged in unprofessional conduct, the Committee on Student Promotion and Curriculum Outcomes will automatically review the student's entire academic record and general performance. The Committee on Student Promotion and Curriculum Outcomes may require the student: a) to undergo remedial rotation(s), b) to repeat an entire Promotion Period, c) to be suspended from the program for up to one year or d) to be dismissed from the program. A student who obtains a "failure" or two or more "below expectations" may be placed on probation.

Academic offences such as plagiarism and cheating on examinations, including examinations administered by the Faculty of Medicine on behalf of external agencies, and unprofessional conduct, are considered serious offences which could lead to dismissal from the program. A student who engages in criminal activity and/or who is found guilty of having violated the criminal code will have his/her dossier referred to the CSPCO; this may be considered evidence of unsuitability for the practice of medicine and grounds for dismissal from the program.

The Faculty reserves the right to dismiss from the program any student who is considered incompetent and/or unsuitable for the practice of medicine.

Promotion Periods – Class of 2009 (admitted 2005) and Class of 2008 (admitted 2004):

Promotion Period I

Evaluation will be reflective of the objectives of an individual unit.

The students' performance in each unit will be assessed by intraunit and final evaluation.

The student must complete all units in Promotion Period I successfully and attain a defined average in order to be promoted to Promotion Period II (see Student Handbook for details).

The Committee on Student Promotion and Curriculum Outcomes will review the record of any student failing a unit and, under certain conditions, remedial activity and a supplemental evaluation will be permitted.

Promotion Period II

Evaluation will be reflective of the objectives of an individual unit.

The students' performance in each unit will be assessed by intraunit and final evaluation.

The student must complete all units in Promotion Period II successfully and attain a defined average in order to be promoted to Introduction to Clinical Medicine (see Student Handbook for details).

Promotion Period III

Evaluation will be reflective of the objectives of an individual unit.

The student must complete all units in Introduction to Clinical Medicine successfully in order to be promoted to the Core Clerkships (see Student Handbook for details).

Promotion Period IV

Evaluation will be reflective of the objectives of an individual Clerkship Rotation.

The students' performance in each Clerkship or Elective will be assessed by clinical supervisors and written/oral/OCSE exams. The student must complete all units in Core Clerkship successfully in order to be promoted to Senior Clerkship (see Student Handbook for details).

Promotion Period V

Evaluation will be reflective of the objectives of an individual Clerkship Rotation. The students' performance in each Clerkship or Elective will be assessed by clinical supervisors and written/oral/OCSE exams.

Students must complete Medicine and Society and those seminar courses that they have enrolled in. The student must complete all units in Senior Clerkship successfully in order to graduate (see Student Handbook for details).

Promotion Periods – Class of 2007 (admitted 2003) and Class of 2006 (admitted 2002):

Promotion Period I

Evaluation will be reflective of the objectives of an individual unit.

The students' performance in each unit will be assessed by intraunit and final evaluation.

The student must complete all units in Promotion Period I successfully and attain a defined average in order to be promoted to Promotion Period II (see Student Handbook for details).

The Committee on Student Promotion and Curriculum Outcomes will review the record of any student failing a unit and, under certain conditions, remedial activity and a supplemental evaluation will be permitted.

Promotion Period II

Evaluation will be reflective of the objectives of an individual unit.

The students' performance in each unit will be assessed by intraunit and final evaluation.

The student must complete all units in Promotion Period II successfully and attain a defined average in order to be promoted to Introduction to Clinical Medicine (see Student Handbook for details).

Promotion Period III

Evaluation will be reflective of the objectives of an individual unit.

The student must complete all units in Introduction to Clinical Medicine successfully in order to be promoted to the Practice of Medicine (see Student Handbook for details).

Promotion Period IV

Evaluation will be reflective of the objectives of an individual Clerkship Rotation.

The students' performance in each Clerkship or Elective will be assessed by clinical supervisors and written/oral/OCSE exams. The student must complete all units in Practice of Medicine successfully in order to be promoted to Back to Basics (see Student Handbook for details).

Promotion Period V

The student must complete all courses in Back to Basics successfully in order to graduate (see Student Handbook for details).

FAILURE OF SUPPLEMENTAL EXAMINATIONS OR REMEDIAL ROTATIONS

A failure in a supplemental examination or remedial rotation in Promotion Periods I, II, III, IV, and V will result in the student being required to repeat the Promotion Period or to be dismissed from the program as determined by the CSPCO. A failure on a remedial in Promotion Period IV will result in dismissal from the program. A student may not repeat more than one Promotion Period in the curriculum. Failure in any unit/course during a repeat Promotion Period will result in immediate dismissal from the program.

The results of all supplemental examinations and the evaluation result of remedial clinical rotations will be recorded in the official transcripts as supplemental examinations, and will be considered as such for purposes of promotion.

Notification of Failures: It is the student's responsibility to be available for notification of a failing grade. If a student is unable to be located after a reasonable effort by the Dean's office, the consequences will be borne fully by the student.

3.3.15 Medical Instruments

Students will be required to purchase their own medical instruments (e.g., stethoscope, blood pressure cuff, ophthalmoscope, reflex hammer). These are necessary for the Introduction to Clinical Medicine.

The purchase of a handheld computer is highly recommended for ICM and POM.

3.3.16 Requirements for the Degree of M.D.,C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty years of age.
2. Candidates must have fulfilled all the requirements for entrance to the Faculty of Medicine.

3. No one is permitted to become a candidate for the degree who has not attended at least two full academic years at this University's Faculty of Medicine.

3.5.4 Biochemistry

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Back to Basics.

Other Courses

The Department offers a range of courses leading to the Majors/Honours B.Sc. in Biochemistry and is well-equipped for graduate research leading to the M.Sc. and Ph.D. degrees. See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

3.5.5 Biomedical Engineering

Web site: www.bmed.mcgill.ca

Graduate Courses

The Department of Biomedical Engineering provides instruction and opportunities for interdisciplinary research in the application of engineering, mathematics and the physical sciences to problems in medicine and the life sciences. Courses are offered for graduate students in the life sciences, and in engineering and the physical sciences leading to the Master's (M.Eng.) and Ph.D in Biomedical Engineering. See the *Graduate and Postdoctoral Studies Calendar*.

3.5.6 Diagnostic Radn

PRACTICE OF MEDICINE (CLERKSHIP)

OBGY 401 OBSTETRICS/GYNECOLOGY - CLERKSHIPS. (8) As part of the core curriculum in Med III, students will spend an eight-week clerkship on a clinical teaching unit in one of the five centres within the McGill teaching hospital system. This clerkship is designed to enlarge and enrich the basic experience of Med I and Med II. Under supervision, students play an integral role in the management of patients and become a recognized part of the resident-intern-medical student team.

3.5.16 Occupational Health

The Department of Occupational Health offers a multidisciplinary approach to problems of occupational health and safety. It offers two graduate degree programs: a Ph.D. in occupational health sciences, with the objective of training independent researchers in the field of work environment and health; and a Master of Science (Applied) in occupational health sciences. The objective of this program is to train occupational health and hygiene professionals in the evaluation of the work environment and work hazards, and in the application of appropriate methods of prevention and control. The M.Sc. is offered in a regular sessional format which consists of three full-time terms and usually an additional session, and in a distance education format, normally over a three-year period. See the *Graduate and Postdoctoral Studies Calendar*.

3.5.17 Oncology**Core course - Introduction to Clinical Medicine****INDS 307 PRINCIPLES OF ONCOLOGY.**

The ICM oncology course consists of eight hours of whole class teaching and a two-week clinical rotation in medical, surgical, pediatric, radiation oncology and palliative care units across the McGill-affiliated hospitals.

During the whole class teaching, the students are exposed to evidence-based guidelines in cancer epidemiology, cancer prevention and screening for major cancer sites, namely: breast, genito-urinary, colorectal and lung.

During their clinical rotations, the students are introduced to the basis principles of surgical, medical, pediatrics and radiation oncology. Objectives are to know cancer risks, clinical presentations, principles of cancer therapy; cancer prevention, cancer screening, genetic counseling and to interpret imaging and pathological data.

Students are also exposed to the principles of pain management and have one session on communication skills.

3.5.18 Ophthalmology**Core Courses**

OPHTH 300 OPHTHALMOLOGY - ICM. (1) This course will teach the basics of the eye exam (ophthalmoscope, visual acuity and slit lamp). It will focus on the following topics: acute and chronic visual loss, trauma to the eye, the red eye and eye manifestations of systemic diseases (e.g., hypertension, diabetes).

The Department of Ophthalmology gives sessions with particular emphasis on history-taking, diagnosis and treatment of common eye problems, as well as instruction on how to use the ophthalmoscope and slit lamp microscope.

Four-week electives are offered to ICM or Clerkship students at the Montreal General, Royal Victoria, Jewish General and Montreal Children's Hospitals. Each student functions as a clinical clerk in the respective Eye Department.

Please note electives are not offered in July and August.

3.5.19 Otolaryngology**Core Courses**

INDS 301 INTRODUCTION TO CLINICAL SCIENCES.(2) This course will teach all parts of history taking and physical examination in an objective and structured fashion. The course will be taught in small groups with one or two group leaders who will take the students through the principles of history taking and physical examination in a prearranged and structured mode. In the second and third week of the course, the students are asked to hone their skills by doing one written case report and physical examinations on patients from the ward. In the latter two weeks of the course, the students continue to refine their skills in groups, at the bedside, with their tutor.

The Department of Otolaryngology is a contributor to this course, providing instruction in otolaryngological history-taking and methods of physical examination.

Electives are available for students at the four affiliated teaching hospitals.

The Department's clinics are also used extensively in the fourth year ambulatory care experience.

Graduate Courses

See the *Graduate and Postdoctoral Studies Calendar*.

3.5.20 Pathology**Core Courses**

The teaching in Pathology is designed to provide a systematic coverage of the principal diseases or groups of diseases, including their etiology, pathogenesis, pathology and pathophysiology. This is done with a combination of lectures and small group sessions, in conjunction and integrated with the other units of the curriculum. Thus, the Department of Pathology contributes to multidisciplinary Units 7 and 8, as outlined in BOM as well as to the section, Introduction to Hospital Practice.

COURSE IN APPLIED PATHOLOGY

Weekly clinico-pathological conferences are offered in conjunction with the Medicine rotation.

Electives

The Department provides four-week electives for medical students after completion of Unit 8 of the Basis of Medicine. These are available at the Royal Victoria Hospital, Montreal General Hospital, Jewish General Hospital, St. Mary's Hospital and the Montreal Children's Hospital. Please contact Mrs. Hoffmann, Teaching Office, Duff Medical Building, (514) 398-7192 x00481.

Other Courses

The Department is well-equipped for graduate research leading to the M.Sc. and Ph.D. degrees and offers several graduate-level courses. See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

3.5.21 Pediatrics**Core Courses**

PAED 301 PEDIATRICS - ICM. (1) Provides the students with a data base in pediatrics in order for them to approach the clerkship

PRACTICE OF MEDICINE (CLERKSHIP)

PAED 401 PEDIATRICS - CLERKSHIPS. (8) Clerkship in Pediatrics as a member of a clinical service provides the opportunity for experience in the management of pediatric problems under supervision. The clerkship includes ward and ambulatory rotations at the Montreal Children's Hospital and newborn experience at either the Jewish General Hospital or the Royal Victoria Hospital. The clerks participate in a series of core-material conferences in addition to the regularly scheduled educational program of the hospital.

3.5.22 Pharmacology and Therapeutics

The program of instruction in Pharmacology and Therapeutics is designed to provide a systematic coverage of the principles of drug action for the more important groups of drugs, the factors that control and modify their effects and the basis for selection and use of drugs in the treatment of disease.

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine, Introduction to Clinical Medicine and Back to Basics.

Other Courses

The Department offers a range of different level courses on the principles of pharmacology and therapeutics with emphasis on the sites and mechanisms of action of drugs from whole body to molecular interactions. The compounds covered are representative of classes of drugs used in the treatment of human disease. These courses are available to students registered in the B.Sc. programs. The Department also offers a graduate program leading to the M.Sc., and Ph.D. degrees. See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

3.5.23 Physiology

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Back to Basics.

Other Courses

The Department offers a range of courses at introductory, intermediate and advanced levels. These are part of undergraduate Faculty, Majors and Honours programs, leading to a B.Sc. in

team, attending rounds, managing patients and wards, taking calls and becoming involved in the entire management period of their patients. During the eight-week rotations, students are given small group teaching on various topics in surgery.

Participating hospitals include the MGH, MNH, RVH, SMH and JGH.

3.6 Staff by Department

Anatomy and Cell Biology

Strathcona Anatomy and Dentistry Building
3640 University Street, Montreal, QC, H3A 2B2
Telephone: (514) 398-6335

Chair — John J.M. Bergeron (*Robert Reford Professor of Anatomy*)

Emeritus Professors — Y. Clermont, D.G. Osmond, H. Warshawsky

Professors — G.C. Bennett, J.J.M. Bergeron, J.R. Brawer, S. David, L. Hermo, C.P. Leblond, S.C. Miller, C. Morales, B. Posner, A. Ribeiro-Da Silva.

Associate Professors — C. Autexier, P. Barker, O.W. Blaschuk, C. Chalk, C. Cuello, E. Daniels, E. Davis, J. Henderson, T. Kennedy, A. Koromilas, M.F. Lalli, N. Lamarche, P. Lasko, M. Latterich, M.D. McKee, P. McPherson, D. Reinhardt, P. Seguela, S. Stifani, B. Suter, H. Vali, D. Walker, G. Wild

Assistant Professors — F. Bedford, E. Chevet, M. Greenwood, C. Mandato, J. Presley, W. Sossin

Adjunct Professors — A. Berghuis, D. Cyr, M. Cygler, M. Desjardins, G. DiBattista, J. Drouin, A. LeBlanc, P. Metrakos, A. Nantel, M. O'Connor-McCourt, J. Schrag, D.Y. Thomas

Anesthesia

Royal Victoria Hospital
687 Pine Avenue West, Montreal, QC, H3A 1A1

Associate Professor and Chair — S. Backman

Professors — M. Abou-Madi, F. Carli (*Wesley Bourne Professor of Anesthesia*), G. Plourde

Associate Professors — F. Beique, R. Bondy, K. Brown, R. Catchlove, D. Chartrand, R. Covert, J. Desparmet, M. English, P. Fiset, A. Gamsa, A. Gordon, D. Hickey, K. Kardash, S. Kleiman, J. Lavoie, S. Lenis, A. Moore, R. Robinson, A. Scott, Y. Shir, M. Tessler, S. Weeks, D. Withington

Assistant Professors — Il. Amir, M. Angle, A. Armanious, J.F. Asenjo, C. Baldry, F. Barry, R. Carranza, A. Côté, J.F. Courval, T. Daloze, A. Deschamps, R. Finlayson, C. Frigon, M. Gauthier, M. Germain, E. Goujard, C. Goyer, B. Grillas, N. Hamawy, R. Hasel, R. Hatzakorzian, T. Hunter, I. Kaufman, R.C. Khairy, K. Klubien, I. Kocur, J. Kranjcevic, V. Kudish, L. Lakheeram, D. Mayrand, M. McHugh, P. McMillan, B. Mistry, A. Owen, B. Popovec, L. Pugsley, D. Quance, F. Ramadori, T. Reyes, R. Robbins, P. Ruiz, F. Salevsky, T. Schricker, S. Sidhu, J. Sioufi, J. Sloan, P. Solomon, M. Talbot, W. Triolet, M. Ware, G. Zavorsky

Lecturers — S. Bekhor, G. Brock, E. Dupont, M. Kimia, R. Roman, S. Vilderman

Adjunct Professors — G. Blaise, J. Cogan, F. Donati, B. Ligier, N0.0014 -5., BtMan, P. So

D. Melançon, A. O’Gorman, C. Reinhold, R. Satin, L.A. Stein,
D. Tampieri, R. Williams

Assistant Professors — P. Albuquerque, A. Aldis, G. Artho, A.
Assaf, G. Belley, C. Bloom, F.M. Boston, J. Cassoff, J. Casullo,
J. Chankowsky, M-L. Doyon, M. Desaulniers, R. Faingold, H.
Guilbeault, R.E. Hanson, R. Hidgevji, B.B. Hyams, E. Kao, G.

Assistant Professors — G. Chong, K. Dewar, J. Engert,
M. Fujiwara, J. Majewski, A. Ryan, P. Scott, R. Slim,
B. St-Jacques, M. Tischkowitz, G. Turecki
Lecturers — N. Bolduc, L. Cartier, S.M. Chiu,
J. Fitzpatrick, L. Kasprzak, N. Wong, S. Zaor
Associate Members — A. Ao, D. Cournoyer, J. Galipeau,
J. Genest, B. Gilfix, P. Goodyer, B. Gottlieb, P. Goodyer,
I. Gupta, C. Haston, G. Hendy, J. Jass, R. Joobar, A. Karaplis,
A. Lippman, A. Naumova, A. Peterson, C. Polychronakas,
P. Roughley, E. Skamene

McGill Cancer Centre

3655 Promenade Sir-William-Osler, Room 701
Montreal, QC, H3G 1Y6

Full Members:

Professor and Director — M. Tremblay
Professors — N. Beauchemin, P. Branton, M. Featherstone, A.
Fuks, P. Gros, A. Herscovics, J. Pelletier, N. Sonenberg, C.
Stanners, M. Tremblay, M. Zannis-Hadjopoulos
Associate Professors — M. Bouchard, A. Pause, J. Pelletier

Associate Members:

S. Ali, G. Batist, E. Bradley, P. Brodt, D. Cournoyer, V. Giguère, S.
Jothy, P. Laneuville, G. Matlashewski, A. Nepveu, L. Panasci, M.
Park, M. Pollak, U. Saragovi, G. Shore, P. Tonin, I. Wainer.

McGill Nutrition and Food Science Centre

Royal Victoria Hospital
687 Pine Avenue West, Montreal, QC, H3A 1A1

Professor and Director — E.B. Marliss (*Garfield Weston
Professor of Nutrition*)
Professor — J.F. Yale
Associate Professor and Associate Director — L. Phillip
Assistant Professors — R. Gougeon, J. Morais
Associate Members — G. Batist, L. Beaumier, D. Blank, F. Carli,
L. Chan, E.R. Chavez-Garcia, K. Cianflone, M. Cosio,
G. Egeland, W. Engels, J. Falutz, R. Gagnon, K. Gray-Donald,
W. Gregory, A. Huang, E.S. Idziak, A.A. Ismail, T. Johns,
P. Jones, S. Kermasha, C. Koski, S. Kubow, H.V. Kuhnlein,
L. Lands, R. Mackenzie, O. Mamer, A.F. Mustafa,
H. Ng Kwai Hang, M. Scott, T. Schricker, H. Shizgal, J. Smith,
A. Sniderman, L. Starkey, L. Thibault, S.P. Touchburn,
F.R. van de Voort, S. Wing, L. Wykes, S. Young, X. Zhao,
H. Zingg

Medical Physics Unit

Montreal General Hospital
Room L5-113, Livingston Hall
1650 Cedar Avenue
Montreal, QC, H3G 1A4

Director and Professor — E.B. Podgorsak
Professors — S.M. Lehnert, C.J. Thompson
Associate Professors — G.W. Dean, G.B. Pike, J.P.F. Seuntjens,
F. Verhaegen
Assistant Professors — M.D.C. Evans, M. Olivares
Lecturers — R.A. Corns, F. DeBlois, S. Devic, G. Durante,
G. Hegyi, C. Janicki, P. Léger, W.A. Parker, H.J. Patrocino,
N. Sharoubim, W. Wierzbicki

Medicine

Office of the Chair:
Royal Victoria Hospital
687 Pine Avenue, Room A3.09, Montreal, QC, H3A 1A1

Professor and Chair — D. Eidelman
Emeritus Professors — M. Becklake, S. Freedman,
R.D. Guttman, P. MacKlem, M. McGregor, B.E. Murphy,
L. Pinsky, C.K. Osterland, J.A.P. Paré, S. Solomon,
A. Tenenhouse
Professors — A. Aguayo, A. Barkun, A. Bateman, G. Batist, N.
Beauchemin, H. Bennett, H. Bergman (Kaufman Professor of
Geriatric Medicine), R. Blostein, C.W. Bourque, G.M. Bray, J.H.
Burgess, S. Carbonetto, T.M.S. Chang, H. Chertkow, M. Cosio,
S. Cruess, A. Cybulsky, W.D. Dauphinee, S. David, R. Dunn

Lecturers — S. Antel, S. Chouinard, D. Diorio, N. Dupré,
E. Marmor, R. Postuma, R. Roberts, T. Stroh, W. Vanast, C.
Whatmough
Associate Members —

Physiology

3655 Promenade Sir-William-Osler, Room 1021
Montreal, QC, H3G 1Y6

Professor and Chair — TBA

Emeritus Professors — G. Melvill Jones, K. Krnjevic

Professors — T.M.S. Chang, M.W. Cohen, E. Cooper,
M.M. Frojmovic, L. Glass (*Rosenfeld Professor of Medicine*),
P. Gold (*Douglas G. Cameron Professor of Medicine*),
D. Goltzman (*Antoine G. Massabki Professor of Medicine*),
J. Hanrahan, M. Levy, M. Mackey (*Drake Professor of
Medicine*), J.P. Mortola, J. Orłowski, P. Ponka, A. Shrier
(*Hosmer Professor of Applied Physiology*), D. Watt

Associate Professors — K. Cullen, R. Farookhi, M. Glavinovic,
M. Guevara, S. Magder, U. Stochaj, T. Trippenbach,
A. Wechsler, J. White

Associate Professor (Part-time) — N. Bernard

Assistant Professors — E. Cook, J. Desbarats, P. Haghighi,
J. Martinez-Trujillo, P. Swain

Associate Members — A. Aguayo, A. Alonso, M. Avoli, S.
Backman, C. Baker, C. Bourque, S.T. Carbonetto, A. Cybulsky,
P. Drapeau, B. Dubrovsky, S.O. Freedman, A. Fuks, C.
Gagnon, R. Gagnon, C. Gianoulakis, H.L. Goldsmith, D.
Guitton, G. Hendy, R. Kearney, L. Larose, A-M Lauzon, S.
Lemay, J. Lund, J. Martin, I. Moss, S. Mulay, M. Newkirk, B.
Posner, S. Prakash, S. Rabbani, D. Ragsdale, M. Rasminsky,
C. Rohlicek, B. Segal, E. Silva, A. Sniderman, M.M. Stevenson,
T. Takano, S. Wing, H. Zingg

Adjunct Professors — R. Caplan, T. Hebert, J. Milton, E. Quillen,
S. Rossignol, M. Sairam

Professors (nil salary) — W.S. Lapp; G. Mandl

Psychiatry

1033 Pine Avenue West
Montreal, QC, H3A 1A1

Chair — J. Paris

Emeritus Professors — B. Murphy, T.L. Sourkes

Professors — F. Abbott, D.L. Annable, C. Benkelfat, P. Boksa,
G. Chouinard, M. Cole, G. Debonnel, C. de Montigny, M.
Dongier, F.R. Ervin, E. Fombonne, N. Frasure-Smith, S.
Gauthier, C. Gianoulakis, H. Guttman, L.T. Hechtman, L.
Kirmayer, S. Lal, A. Malla, M.J. Meaney, K. Minde, N.P. Nair,
J.C. Negrete, R. Palmour, J. Parib

Dionisopoulos, D.M. Eiley, C. Emond, P. Ergina, D. Evans, J. Faria, L. Feldman, J. Garzon, G. Ghitulescu, E.J. Harvey, T. Huk, B.B. Hyams, S.A. Jacobson, C. Janelle, P. Jarzem, R. Jednack, J. Johansson, K.M. Johnston, J. Keyserlingk, S. Khetarpal, I.W. Kuzmarov, K. Lachapelle, E.M. Lenczner, K. MacKenzie, R.J. Marien, K. Matthews, B. Mitmaker, R.V. Moralejo, N. Morin, F. Mwale, P. Nault, D. Obrand, J.A. Ouellet, D.R. Owen, S. Paraskevas, M.

4.5 Program Requirements

4.5.1 Academic Regulations and Calendar of Dates

The general rules concerning higher degrees apply. These regulations and the Calendar of Dates relevant to graduate programs can be found in the General Information section of the *Graduate and Postdoctoral Studies Calendar*.

4.5.2 Vaccination Requirements

Students in the School must comply with the requirements outlined in the General University Information, [section 1.1.4 "Vaccination/Immunization Requirements"](#).

4.5.3 M.Sc.(Applied) Degree in Communication Sciences and Disorders (68 credits)

The professional degree program leads to a Master of Science, Applied degree in Communication Sciences and Disorders with a specialization in Speech-Language Pathology. The program involves two academic years of full-time study and related practical work followed by a Summer internship.

Year 1 Required Courses (31 credits)

Year 1 Complementary Course (3 credits)

Year 2 Required Courses (31 credits)

Year 2 Complementary Course (3 credits)

M.Sc.(Applied) Complementary Course List

A seminar may also be taken outside of the School upon approval of a faculty advisor.

4.5.4 M.Sc. in Communication Sciences and Disorders (45 credits)

M.Sc. candidates must complete at least 45 credits, including a minimum of 24 and a maximum of 39 credits for thesis research (courses SCSD 671, SCSD 672, SCSD 673 and SCSD 674), and a minimum of 6 credits in other courses. The non-thesis credits can be special topic courses in the School and/or courses in other departments, as arranged with the student's thesis supervisor.

Thesis Component – Required (24 credits)

Complementary Courses (21 credits)

4.5.5 Ph.D. in Communication Sciences and Disorders

Ph.D. students must complete a full graduate course in statistics and both advanced research seminars as well as the other course requirements in their individual program of study, and pass a comprehensive examination. Students entering the Ph.D. program through the fast-track option must additionally demonstrate the ability to complete a research project and related coursework

SCSD 618 RESEARCH AND MEASUREMENT METHODOLOGIES 1. (3)
Methodologies used in research and measurement in the field of communication sciences and disorders will be introduced. Topics covered include: the nature and interpretation of test norms; validity; interpretation of test score differences; and questionnaire development (scaling). Tests currently used in speech-language pathology and audiology are examined.

SCSD 619 PHONOLOGICAL DEVELOPMENT.

5 School of Nursing

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5.1 The School

5.1.1 Location

School of Nursing
 Wilson Hall
 3506 University Street
 Montreal, QC H3A 2A7
 Canada
 Telephone: (514) 398-4144
 Fax: (514) 398-8455
 E-mail: recruitment.nursing@mcgill.ca
 Web site: www.nuTD-0.5

McGILL UNIVERSITY HEALTH CENTRE (MUHC)

Montreal General Site
Montreal Children's Site
Royal Victoria/Montreal Chest Site
Montreal Neurological Site

**McGILL UNIVERSITY TEACHING HOSPITALS AND
AFFILIATED CENTRES (MUTHC)**

OTHER TEACHING CENTRES

**DIRECTORS OF NURSING RESEARCH IN
TEACHING HOSPITALS**

MUHC – Montreal General Site — Judith Ritchie
MUHC – Montreal Children's Site — Janet Rennick
MUHC – Royal Victoria Site — Anita Gagnon
Jewish General Hospital — Margaret Purden

Clinical Faculty Members:

Associate Professors
Franco Carnevale, Mona Kravitz, Frederick Peter Nestel,
Judith Ritchie, Valerie J. Shannon, Edith Zorychta
Assistant Professors

the B.Sc.(N.) or B.N. undergraduate degree offered at McGill.

- Graduates with a general B.A. or B.Sc. from programs comparable to the McGill undergraduate degrees *and no* previous nursing preparation. This route of entry to graduate studies in nursing is unique in Canada.
3. The School of Nursing of McGill University and the Faculté de Sciences Infirmières of the Université de Montréal offer a joint doctorate program leading to a Ph.D. in Nursing. Candidates that have completed master's level studies with either their undergraduate or graduate degree in Nursing are eligible to apply. Selected students may be admitted after completion of their first year of master's study at McGill.

The language of instruction at McGill is English. 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.

5.2 Bachelor Programs

5.2.1 Bachelor of Science in Nursing Program – B.Sc.(N.)

Information about each category can be found at:

www.mcgill.ca/applying/undergrad/requirements-specific.

The curriculum for the B.Sc.(N.) extends over three years with general and professional courses in each year. Nursing courses continue in the summer sessions. Clinical experiences will be in community health centres, in hospitals and other agencies as well as in patients' homes. There is some flexibility in the sequence in which courses may be taken, but students are required to complete prerequisites as indicated.

5.2.1.1 B.Sc.(N.) Entrance Requirements

Quebec Diploma of Collegial Studies (Health Sciences/ Sciences)

Holders of the Diploma of Collegial Studies who have completed

Scie 005 T 51 234w6(Pro)6.2(sesbe)iredosnsigradua3(m-)B.Scad4.5(miClini)]TJ4(obj)6.21.00-0.0006 Tc-0.0032 w[(Solders com-itN.) extends j)6.

The School of Nursing accepts applications from students currently enrolled in another program within McGill University. A cumulative GPA of 2.70 or above in the current faculty is normally required. These transfer students are considered for admission on the basis of both their university work and previous studies. Applicants should inquire at the School of Nursing for further information.

Additional information can be obtained at:

www.mcgill.ca/student-records/inter-faculty-transfers.

Holders of a Bachelor's Degree

Applicants who already have a general bachelor's degree in Science or Arts, or will have completed an undergraduate degree by August 1 of the entering year, should contact the School to determine whether they should apply for entrance to the B.Sc.(N.) program or to the Qualifying Year of the Master's program. Application to the B.Sc.(N.) program is made to the Admissions, Recruitment and Registrar's Office. Requests for information regarding applications to the Qualifying Year should be directed to the School of Nursing.

Non-Canadian Applicants

Students from other countries other than Canada with a strong mathematics and science preparation at a Senior High School level, who wish to be considered for entrance to the Bachelor of Science (Nursing) program, should contact the Admissions, Recruitment and Registrar's Office for information with respect to admissions requirements. Most students are considered to an eight-term program (four years, see U0 year in section 2.1.2 below). Students educated in different languages may be required to provide proof of proficiency in English. A TOEFL (Test of English as a Foreign Language) score of at least 233 (577 for the paper-based version) is required. Detailed information on these admission requirements is available at

www.mcgill.ca/applying/undergrad or section 1.1.8 "Proof of Proficiency in English".

5.2.1.2 B.Sc.(N.) Course of Study

Total program credits: 106

First Year (U1) – Required Courses (36 credits)

Fall Term

NUR1 220	(3)	Therapeutic Relationships
NUR1 222	(1)	McGill Model of Nursing
NUR1 422	(3)	Research in Nursing
PHGY 209	(3)	Mammalian Physiology 1
PSYC 215	(3)	Social Psychology

Winter Term

NUR1 200	(4)	Biology for Illness & Therapy
NUR1 221	(3)	Families and Health Behaviour
NUR1 223	(3)	Development over the Lifespan
NUR1 234	(3)	Nursing Elderly Families
PHGY 210	(3)	Mammalian Physiology 2

Summer Term

NUR1 233	(3)	Promoting Young Family Development
NUR1 235	(4)	Health and Physical Assessment

Second Year (U2) – Required Courses (36 credits)

Fall Term

MIMM 211	(3)	Introductory Microbiology
NUR1 321	(2)	Acute Stressors and Coping
NUR1 323	(3)	Illness Management 1
NUR1 331	(4)	Nursing in Illness 1
PHAR 300	(3)	Drug Action

Winter Term

NUR1 322	(3)	Chronic Illness and Palliative Care
NUR1 332	(4)	Nursing in Illness 2
NUR1 324	(2)	Illness Management 2
PATH 300	(3)	Human Disease
PHAR 301	(3)	Drugs and Disease

Summer Term

NUR1 325	(2)	Symptom Management
NUR1 333	(4)	Nursing in Illness 3

Third Year (U3) – Required Courses (28 credits)

Fall Term

NUR1 328	(3)	Learning and Health Education
NUR1 420	(3)	Primary Health Care
NUR1 431	(4)	Community Nursing 1
PSYC 204	(3)	Introduction to Psychological Statistics

Winter Term

NUR1 421	(3)	Resources: Special Populations
NUR1 424	(3)	Legal and Ethical Issues: Nursing
NUR1 432	(4)	Community Nursing 2

Summer Term

NUR1 530	(5)	Clinical Internship
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Note: The order in which clinical courses are offered may vary with the availability of clinical placement facilities.

Elective Courses (6 credits)

6 credits with 3 credits at the 300 level or above.

(Full-time students normally take these courses in the third year.)

The first year (U0) of the 139-credit program consists of the following courses:

U0 Required Courses (30 credits)

Fall Term

BIOL 111	(3)	Principles: Organismal Biology
CHEM 110	(4)	General Chemistry 1
PHYS 101	(4)	Introductory Physics - Mechanics

Winter Term

BIOL 112	(3)	Cell and Molecular Biology
CHEM 120	(4)	General Chemistry 2
MATH 141	(4)	Calculus 2
PHYS 102	(4)	Introductory Physics - Electromagnetism

Summer Term

CHEM 212	(4)	Introductory Organic Chemistry 1
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U0 Complementary Courses (3 or 4 credits)

one of the following courses (to be taken in Fall term):

MATH 139	(4)	Calculus
MATH 140	(3)	Calculus 1

Following successful completion of the U0 courses, students enter First Year (U1).

5.2.2 Bachelor of Nursing Program (B.N.)

This program is open to Registered Nurses from a college or other diploma nursing program. The program consists of a set of core courses and the option of a concentration in either acute care or community health. The core courses develop the student's knowledge in the biological, psychosocial and nursing domains. The acute care option focuses on care during acute episodes of illness in institutional settings while the community health option focuses on health and illness in homes and community based settings.

The program offers:

- preparation for practice in a health care system influenced by the evolution of scientific knowledge and socio-political factors;
- development of critical thinking skills and the knowledge required for graduate studies in the discipline of nursing;
- a solid theoretical background and advancement of clinical skills that will allow nurses to function independently and inter-dependently in a variety of settings;
- flexibility with respect to the sequencing of courses and greater freedom to timetable courses to fit with work schedules and learning needs;
- the option of a concentration in acute care or community health;
- the option to complete the program on a full or part time basis.

Full-time students may complete the program in three years. Part-time students have up to seven years to complete the program.

The B.N. (Integrated Nursing Option) is part of a five-year program developed jointly by the Quebec universities and CEGEPs. The option is open to students who complete the 180.A0 Nursing Program at CEGEP or a comparable program elsewhere. It consists of two additional years at university in which students take more advanced nursing and science courses to meet the competencies expected of a nurse with a Baccalaureate degree. These competencies include working in multidisciplinary teams or more autonomously, in hospital and community settings, with individuals, families, and groups, planning health education programs and participating in research.

5.2.2.1 B.N. Entrance Requirements

Admission from a CEGEP Nursing Program other than the DEC 180.A0

Applicants must have a Diplôme d'études collégiales (DEC) in a nursing program and have completed Biology 902, 903 and 904; OR 301 and 401 (00UK and 00XU or equivalents); OR 911 and 921; OR 921 and 931. Admission will be based on the cote de rendement au collégial (cote r); both the overall cote r and the cote r in prerequisite courses.

A nursing license is required. Candidates who are registered in a CEGEP nursing program at the time of applying may be offered admission. These candidates must pass the licensing examination within the first year at McGill

QC H3A 2T5. Telephone: (514) 398-3910.
E-mail: admissions@mcgill.ca.

Elective Course (9 credits)

B.N. (Integrated Nursing Option) (66 credits)

Required Courses (66 credits)

5.2.4 Scholarships, Bursaries and Prizes

There are a number of entrance scholarships open to students from all parts of Canada registering in the University. Information can be found in the *Undergraduate Scholarships and Awards Calendar* available on the Web at www.mcgill.ca/courses.

ISABEL CLARKE DICKSON WOODROW SCHOLARSHIPS, established in 2000 by a generous bequest from Isabel Clarke Dickson Woodrow for Canadian students entering an undergraduate Nursing program. While academic standing is of primary importance, account may also be taken of financial need and/or qualities of leadership in community and school activities. Awarded by the University Committee on Scholarships and Student Aid and renewable provided the holder maintains an academic standing satisfactory to the Committee. Any unspent funds may be awarded by the Student Aid Office as bursaries to Canadian undergraduate students in Nursing. Value: minimum \$2,000 each.

WOMAN'S GENERAL/REDDY MEMORIAL AND A.W. LINDSAY AWARD, established in 2001 by joint gifts from alumnae of the Reddy Memorial Hospital (formerly the Woman's General Hospital) and Estelle Aspler, Cert. Nursing. 1947, whose gifts are in memory of Agnes Winonah Lindsay, B.N. 1950. Awarded by the School of Nursing to undergraduate students who have completed at least one year of their degree program. Preference shall be given to students who are returning to obtain a university degree after working in the nursing profession with a,

5.2.3 Application for Admission

Application to the School of Nursing can be made using the McGill on-line application available at www.mcgill.ca/applying. Those without access to the Web may obtain the application kit by e-mailing, writing, or telephoning the Admissions, Recruitment and Registrar's Office.

Please note that the same application is used for all undergraduate programs at McGill and two program choices can be entered.

The deadlines for submission of applications for Fall admission are: January 15 (applicants studying outside of Canada), February 1 (applicants from Canadian high schools outside of Quebec), March 1 (all other applicants). For January admission to the Bachelor of Nursing program, the deadline for application is November 1.

All applications must be accompanied by a \$60 non-refundable fee, in Canadian or U.S. funds only, payable by credit card, certified cheque, or money order. McGill does not offer application fee waivers.

Hard-copy applications should be sent to the Admissions, Recruitment and Registrar's Office, McGill University, James Administration Building, 845 Sherbrooke Street W., Montreal,

Prizes awarded at Convocation

F. MOYRA ALLEN PRIZE, established in honour of the distinguished career and international renown of F. Moyra Allen, B.N., Ph.D., Emeritus Professor of Nursing. Awarded by the School to a graduate of the Master's program who shows potential for a distinctive career in the study and practice of nursing. Value: \$800.

LEXY L. FELLOWES MEMORIAL PRIZE, established in 1969 by Miss Rae Fellowes in memory of her mother, this prize is awarded to the student with the highest academic and professional achievement in the Bachelor of Science Nursing program. Value: \$800.

ANNE MARIE FONG HUM MEMORIAL PRIZE, awarded to the student who has demonstrated sensitivity and skill in helping patients and families cope with situations related to long-term illness. Value: \$200.

MCGILL ALUMNAE SOCIETY PRIZE, presented to a graduating stu-

record, professional conduct, and general performance and makes decisions on all matters relating to standing, promotion and graduation.

GRADING

A student is allowed to write a final examination in a course only after the course requirements have been fulfilled. Courses can be

Requests for reassessments or re-reads in more than one course per term are not permitted.

Reassessments or re-reads are not available for supplemental examinations.

Re-reads – Graduate Program

See the General Information section of the *Graduate and Postdoctoral Studies Calendar* for policies and regulations relating to rereads of 600- or 700-level courses.

Appeals

If the student is not satisfied with the outcome of the re-read, the student may appeal. The student makes a written appeal to the Student Standing and Promotions Committee stating the reason for the appeal. See “University Regulations” concerning the appeal process. For information on Appeal procedures contact the Chair of the Student Standing and Promotions Committee.

5.3.4 Requirements for Licensure

For licensing in the Province of Quebec, requests must be addressed to the Order of Nurses of Quebec (OIIQ) (Ordre des infirmières et infirmiers du Québec)

4200, boulevard Dorchester Ouest

Montreal (Québec) H3Z 1V4

Telephone: (514) 935-2505; Toll Free: 1 (800) 363-6048

E-mail: inf@oiiq.org

Website: www.oiiq.org

The Order of Nurses of Quebec administers the professional examination graduates planning to work in Quebec. *As well as writing the professional examination, in accordance with Article 35*

ships will be linked to biological development and be discussed as major determinants of health.

NUR1 224 ADVANCES IN THERAPEUTIC SKILLS. (3) (Restriction: Open to B.N. students only.) The development of collaborative practice with individuals and families during health or illness; a focus on engagement, working and termination phases of long-term, family-centred relationships. Concepts include personal values, cultural issues, disclosure, boundaries, timing, cognitive interventions, dealing with emotions, and identifying strengths. Concurrent clinical work with a community dwelling family.

NUR1 233 PROMOTING YOUNG

competency in oral and written English **prior to submitting an application**: the Test of English as a Foreign Language (TOEFL) with a minimum score of 600 (paper-based) or 250 (computer-based), or the International English Language Testing System (IELTS) with a minimum overall band score of 7.5

Students who have not completed their studies in North America will be asked to arrange for an interview as part of the application process.

GRE (Graduate Record Examination) general test results may be required in individual circumstances.

Nurse applicants (Nursing Bachelor's entry - NBE)

Applicants for the Master's degree must have completed a bachelor's degree in nursing with a minimum CGPA of 3.0 on a scale of 4.0. This preparation must be comparable to that offered in the bachelor's program at McGill. Experience in nursing is suggested. An introductory statistics course (3 credits) is required. (Nurse-applicants may already have C.P.R. certification, if not they must obtain one prior to entry).

Ph.D. Program

Applicants admitted to the Doctoral program through McGill University must have completed Master's level studies with either their undergraduate or graduate degree in nursing. Applicants must have a GPA of 3.3 on a scale of 4.0 or a high B standing.

Proficiency in English

The language of instruction at McGill University is English. Students must write term papers, examinations and theses in English or in French. Non-Canadian applicants whose mother tongue is not English and who have not completed an undergraduate degree from a recognized institution where English is the language of instruction are required to submit documented proof of competency in oral and written English prior to submitting an application: the Test of English as a Foreign Language (TOEFL) with a minimum score of 600 (paper-based) or 250 (computer-based), or the International English Language Testing System (IELTS) with a minimum overall band score of 7.5.

5.5.3 Application Procedures

3. Successful defence of the thesis proposal (Comprehensive Examination)
4. Dissertation and Ph.D. Oral Defense examination

5.5.5 Courses

Students preparing to register should consult the Web at www.mcgill.ca/minerva (click Class Schedule) for the most up-to-date list of courses available; courses may have been added, rescheduled or cancelled after this Calendar went to press. Class Schedule lists courses by term and includes days, times, locations, and names of instructors.

Details of the courses to be offered in the current year are also available from the School.

Courses with numbers ending D1 and D2 are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

The course credit weight is given in parentheses after the title.

QUALIFYING PROGRAM

NUR1 222 MCGILL MODEL OF NURSING.(1) This introductory course provides an overview of the history and the philosophical and theoretical tenets underlying the core concepts of the Model. Students are introduced to McGill's perspective on health, family, learning, and collaborative nursing through a study of selected theoretical and research papers.

NUR1 223 DEVELOPMENT OVER THE LIFESPAN.(3) Study of biological, psychological, and social perspectives of human development from infancy through old age within an ecological framework. Developmental processes of learning, coping, and social relationships will be linked to biological development and be discussed as major determinants of health.

NUR1 530 CLINICAL INTERNSHIP. (5) (Restriction: Only B.Sc.(N) Program) This clinical nursing experience offers students an opportunity to consolidate their knowledge and assessment skills in either community nursing or critical care.

NUR2 511D1 (3), NUR2 511D2 (3) PRACTICE OF NURSING PART 1. (Students must register for both NUR2 511D1 and NUR2 511D2.) (No credit will be given for this course unless both NUR2 511D1 and NUR2 511D2 are successfully completed in consecutive terms) A study of selected concepts related to the practice of nursing including health, family, normative life transitions and interpersonal interaction. The major focus is on developing an understanding of human behaviour using the process of scientific inquiry. Special emphasis is placed on the observation of people in their physical and social environments and on the analysis of clinical data as the basis for the development of innovative nursing approaches.

NUR2 512 PRACTICE AND THEORY IN NURSING. (8) Learning to nurse patients in acute care settings, 0.5556 0 TD-0.0005 Tc0.0041 Tw[(r)TJ12.41

QUALIFYING YEAR (41 credits) (non-nurse applicants entering with B.A. or B.Sc.)

***Complementary Courses:** A total of 12 credits from the physical sciences, social sciences and nursing, are chosen in consultation with faculty to complement the student's previous academic background.

Students must successfully complete the Qualifying Year with a minimum of B- in all courses and be recommended by the Standing and Promotions Committee for entry to the Master of Science (Applied) Program. Students in the Qualifying Year will be required to submit an on-line application to the Master's of Science (Applied) by the application deadline.

Ph.D. PROGRAM

Each student's program is designed with the thesis supervisor taking into account the student's previous academic preparation, needs and research interests. The requirements for the doctoral degree are:

1. Two years of full-time residence (or equivalent). A student who has obtained a Master's degree at McGill University or at an approved institution elsewhere, and is proceeding in the same subject to a Ph.D. degree, may on the recommendation of the School, be registered in the second year of the Ph.D. program.
2. A minimum of 18 credits beyond the Master's level. Courses and seminars in research design, issues of measurement, advanced nursing, development of theory in nursing, advanced statistics and complementary course(s) in the student's major field of study are compulsory. The student's program is decided in consultation with the thesis supervisor. Students with a Master's degree in nursing (equivalent to McGill) would enter the program in Ph.D.2. The following table outlines the suggested sequence of courses for the program:

health including its physical, psychological, social and functional dimensions. Students will discuss the wide variety of factors that can be seen as "determinants" of health.

GRADUATE PROGRAM

NUR2 611D1 (3), NUR2 611D2 (3) SEMINAR IN NURSING. (Students must register for both NUR2 611D1 and NUR2 611D2) (No credit will be given for this course unless both NUR2 611D1 and NUR2 611D2 are successfully completed in consecutive terms) A critical study of selected concept

NUR2 690N2 M.Sc. THESIS 1. (2) (Prerequisite: NUR2 690N1)
(No credit will be given for this course unless both NUR2 690N1 and NUR2 690N2 are successfully completed in a twelve month period) (NUR2 690N1 and NUR2 690N2 together are equivalent to NUR2 690) See NUR2 690N1 for course description.

NUR2 691 M.Sc. T

6 School of Physical and Occupational Therapy

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 - 6.1.4 History of the School
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Registrar's Office, James Administration Building, 845 Sherbrooke Street W., Montreal, QC H3A 2T5. Telephone: (514) 398-3910. E-mail: admissions@mcgill.ca, as well as from the School of Physical and Occupational Therapy.

Students who are required to withdraw from either the occupational therapy or physical therapy programs will not be permitted to re-enter either program.

6.2.3.1 Admission Requirements for Current Programs

ALL APPLICANTS must complete at least 50 hours of volunteer or paid work in a health care facility or other appropriate rehabilitation environment. A letter (or letters) of reference to attest to the service must be submitted prior to August 1 of the entering year. Applicants are advised to be in direct contact with a physical or occupational therapist, and it is preferential to be involved with a physical therapy or occupational therapy department during their volunteer or paid experience.

Quebec applicants who have obtained a CEGEP Diploma of Collegial Studies are expected to have taken the following prerequisite courses: Biology - 00UK, 00XU; Chemistry - 00UL, 00UM, 00XV; Mathematics - 00UN, 00UP; Physics - 00UR, 00US, 00UT.

Applicants who have completed a minimum of one year of college/university studies (or equivalent) are expected to have taken the following university/college-level courses: two terms of biology with labs; two terms of general chemistry with labs; one term of organic chemistry with lab; two terms of physics (mechanics, electricity and magnetism, waves and optics) with labs; one term of differential calculus; and one term of integral calculus.

Applicants from the United Kingdom and Commonwealth countries must have completed two A-Level subjects with final grades of B or better, and two A-Level subject with a final grade of C or better. A-Level subjects must include Biology, Chemistry, Mathematics and Physics.

Applicants with a French Baccalaureate must have completed Series S, with a minimum overall average 12/20 and a minimum of 10/20 in each mathematics, biological and physical sciences course. Applicants may be required to complete additional courses in organic chemistry prior to admission.

Applicants with an International Baccalaureate must have completed biology, chemistry, mathematics, and physics at Higher Level.

McGill Inter-faculty Transfer

Note: McGill students who have completed fewer than 24 credits or who will have completed an undergraduate dew Tc-4.5333 0 T-19.6444 -1.126 -1.1259 TD-a

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CANADIAN PHYSIOTHERAPY CARDIO-RESPIRATORY SOCIETY (CPCRS) STUDENT EXCELLENCE AWARD, presented to the graduating student who has demonstrated excellence in the area of cardio-respiratory physiotherapy.

CAROL RUTENBERG-SILVER MEMORIAL AWARD, established by the family in memory of Carol Rutenberg-Silver, a Physical Therapy graduate of 1958. Awarded annually to the student with the highest standing in the final year of the B.Sc.(Phys.Ther.) program.

CANADIAN ASSOCIATION OF OCCUPATIONAL THERAPISTS' AWARD, presented to the student with the highest standing throughout the B.Sc.(Occ.Ther.) program.

CLINICAL PRIZE OF EXCELLENCE, awarded by l'Ordre des physiothérapeutes du Québec to the student demonstrating exceptional overall performance in attaining the objectives of the clinical placements throughout the B.Sc.(Phys.Ther.) program.

HELEN M. GAULT AWARDS, presented to a graduating student in Occupational Therapy and a graduating student in Physical Therapy who have demonstrated the most outstanding qualities of leadership, scholarship and professionalism throughout their undergraduate program.

MCGILL ALUMNAE SOCIETY PRIZE, presented upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students. Value: \$150.

PATRICIA ANN MACDONALD WELLS VAN DAELE MEMORIAL AWARD established in 2003 by family, friends and colleagues of Patricia Ann MacDonald Wells Van Daele as well as graduates of the School of Physical and Occupational Therapy. Awarded by the School of Physical and Occupational Therapy to students enrolled in the School's professional programs or to post-baccalaureate physical and occupational therapists registered in the Master's programs in Rehabilitation Science, in recognition of an outstanding clinical, community-based, or research project related to the aging population and/or clinical education. Value: minimum \$500.

SANDRA PERLMAN MEMORIAL PRIZE, established in memory of Sandra Perlman, a graduate of the School of Physical and Occupational Therapy, P.T. class of 1958, and B.Sc.(Phys.Ther.) class of 1976 by her niece, Dr. Robyn Pugash. Awarded annually to the final year Physical Therapy student who, in the opinion of faculty, best exemplifies attributes desir

Canadian National Offices

Canadian Association of Occupational Therapists
Carleton Technology Training Centre
Suite 3400, Carleton University
1125 Colonel By Drive, Ottawa, ON K1S 5R1
Telephone: (613) 523-CAOT(2268)
Toll Free: 1 (800) 434-CAOT(2268)
Fax: (613) 523-2552
Web site: www.caot.ca

Canadian Physiotherapy Association
Web site: www.physiotherapy.ca
(Toronto Office)
2345 Yonge Street, Suite 410
Toronto, ON M4P 2E5
Telephone: (416) 932-1888 Toll Free: 1 (800) 387-8679
Fax: (416) 932-9708

oral and practical examinations. For oral examinations, verbal feedback may be given to the students regarding their performance, but no marks will be provided during the examination. Marks for final examinations are presented to the Occupational Therapy or Physical Therapy Student Promotion Review Committees. Following the Occupational Therapy or Physical Therapy Student Promotion Review Committees meetings, marks will be available on Minerva. In some courses there is no final examination; the standing in these courses is determined on the basis of term work and class tests.

6.4.7.6 Supplemental Examinations

Students who have failed an examination and who have been given permission to write a supplemental examination must avail themselves of this privilege at the time of the next supplemental period.

Written application to write a supplemental examination must be received at the Undergraduate Student Affairs Coordinator's Office at least 30 days before the examination period. The \$35 supplemental exam fee is payable as soon as the application has been approved.

It should be noted that the supplemental result will not erase the failed grade originally obtained which was used in calculating the GPA. Both the original mark and the supplemental result will be calculated i

Note re J grade: –Students may appeal the assignment of the grade of J, but circumstances such as appearing at the incorrect time for an examination would not normally be sufficient reason for this grade to be replaced by a deferral.

U2 Complementary Courses (6 credits)

Two from courses offered by the Faculties of Arts and Science, as follows:

6.4.9 Satisfactory / Unsatisfactory Option

The University S/U grading option can be applied only to elective courses, not to required or complementary courses, or to professional courses with the designation of OCC1, PTHH, and POTH. It is, therefore, not normally available to students following the Physical Therapy and Occupational Therapy programs.

U3 Required Courses (28 credits)

6.5 Occupational Therapy and Physical Therapy Programs

These programs are made up of 105 credits to be completed in three years over seven terms including a clinical affiliation of 1,000 hours. A clinical term will be completed during the summer preceding Year 3. The curriculum incorporates the use of academic and clinical teaching blocks throughout the programs:

The course credit weight appears in parentheses after the number.

6.5.1 Occupational Therapy Program

U1 Required Courses (32 credits)

Fall Term

- ANAT 315 (4) Regional Anatomy/Limbs and Back with Dissection
- PHGY 201 (3) Human Physiology: Control Systems
- OCC1 235 (3) Occupation as Therapy
- POTH 239 (2) Assessment in Rehabilitation 1
- POTH 248 (2) Communication/Professionalism
- POTH 260 (2) Lifespan

Winter Term

- ANAT 316 (2) Human Visceral Anatomy
- PHGY 202 (3) Human Physiology: Body Functions
- OCC1 236 (4) OT Practice 1: Musculoskeletal
- OCC1 240 (2) Assessment of Performance 1
- POTH 222 (3) Kinesiology
- POTH 250 (2) Health Care and Professionalism
- OCC1 220 (0) Clinical Affiliation 1

U2 Required Courses (37 credits)

Fall Term

- ANAT 321 (3) Circuitry of the Human Brain
- POTH 455 (3) Neurophysiology
- OCC1 335 (2) OT Practice 2 (Part 1)
- OCC1 337 (3) OT Practice 3
- OCC1 340 (2) Assessment of Performance 2

Winter Term

- OCC1 336 (4) OT Practice 2: Neurological Conditions
- OCC1 338 (3) OT Practice 4: Mental Health
- OCC1 339 (2) Strategies for Independent Living
- OCC1 341 (3) Assessment of Performance 3

Summer Term

- OCC1 320 (6) Clinical Affiliation 2
- OCC1 321 (6) Clinical Affiliation 3

U3 Complementary Courses (2 credits)

One from a list of professional specialty courses offered by the School.

6.5.2 Physical Therapy Program

U1 Required Courses (32 credits)

U2 Required Courses (33 credits)

U2 Complementary Courses

OCC1 422 CLINICAL AFFILIATION 5. (3) (5 weeks, full-time) Supervised clinical practice provided in

formance of at-risk populations, re-train drivers, recommend adaptive vehicles and adapt technical aids that will allow physically disabled individuals to return to driving and preserve their independence and quality of life. The program comprises five courses, the first two of which are offered online; the other three are a combination of online and intensive workshops.

Master of Science (non-thesis) in Rehabilitation Science

The program requires three terms of full-time residence study and can usually be completed within three to four terms. It is designed for graduates who hold a B.Sc. (or equivalent) in Physical or Occupational Therapy or related health professions. Two years of clinical experience is recommended. The program trains health professionals to become consumers of research in order to promote evidence-based practice in rehabilitation science. The curriculum is made up of both required and elective courses and may also include a research project.

Master of Science in Rehabilitation Science

The full curriculum consists of approximately two years of study for graduates who hold a B.Sc. degree in one of the medical rehabilitation disciplines or a related field. The program consists of required and elective course work, a research proposal and a research thesis.

Doctorate in Rehabilitation Science

This program consists of three to four years of study, on average, for graduates with Master's level training in one of the medical rehabilitation disciplines or a related field. The program consists of required and elective course work, a comprehensive written examination, a research proposal and a doctoral thesis.

6.7.2 Admission Requirements

Graduate Certificate in Assessing Driving Capabilities

- 1) A B.Sc. degree or equivalent in occupational therapy or related fields from a university of recognized reputation.
- 2) Evidence of high academic achievement equivalent to a B standing or a McGill CGPA of 3.0 (70-74%)

For information about requirements such as prerequisites, TOEFL and GRE, please contact the School of Physical and Occupational Therapy.

Master of Science in Rehabilitation Science

1. A B.Sc. degree or equivalent in physical or occupational therapy or related fields from a university of recognized reputation.
2. Evidence of a high academic achievement equivalent to a B standing, or a McGill CGPA of 3.0 (70-74%).
3. Prerequisite courses may be required in statistics, anatomy, physiology, psychology, sociology, neurophysiology or other areas, depending on the student's anticipated specialization.
4. Non-Canadian applicants whose mother tongue is not English and who have not completed an undergraduate degree using the English language are required to submit documented proof of competency in oral and written English, by appropriate exams, e.g., TOEFL. (Test of English as a Foreign Language) with a minimum score of 250 on the computer-based test (School requirement), or the International English Language Testing System (IELTS) with a minimum overall band score of 7.0.
5. The GRE Test is mandatory for the following applicants: those who do not have a B.Sc. or equivalent from a Canadian university; those who have been out of university for 5 years or more. Only the General Test is mandatory. For consideration, students must obtain a minimum score of 550 in verbal and quantitative categories and a score of 3.5 to 4 in analytical writing. For enquiries about Graduate Records Examination, please contact GRE - Educational Testing Service, Princeton, NJ 08540, Telephone: (609) 683-2002, Website: www.gre.org. Applicants are responsible for ensuring that their scores are sent to the School of Physical and Occupational Therapy, at

the following address: 3654 Promenade Sir-William-Osler, Montreal, QC H3G 1Y5

Master of Science (non-thesis) in Rehabilitation Science

1. to 5. as above, plus
6. Two years of clinical experience is recommended.

Doctorate in Rehabilitation Science

1. A M.Sc. degree in a rehabilitation-related discipline from a university of recognized reputation.
2. Evidence of a high academic achievement equivalent to a B⁺ standing, or a McGill CGPA of 3.3 (75-79%) is required.
3. Proof of proficiency in English.
4. GRE Test with a minimum score of 600 in verbal and quantitative categories and a score of 4.5 to 5 in analytical writing. The test is mandatory for the following applicants: those who do not have a B.Sc., M.Sc. or equivalent from a Canadian university; those who have been out of university for 5 years or more.

If a graduate student accepted into the M.Sc. program demonstrates superior performance in the first year, the Graduate Committee, in consultation with the thesis supervisor, may recommend waiving the M.Sc. thesis requirement, and allow the student to proceed directly to the Ph.D. program.

6.7.3 Application Procedures

It is recommended to apply for admission online at the following address: www.mcgill.ca/applying/graduate. For those applicants unable to apply online, an application form may be requested directly from the School.

Applications will be considered upon receipt of:

1. the completed application form (on-line or paper),
2. \$60 application fee,
3. a complete curriculum vitae,
4. a statement of purpose (for paper application only),
5. two copies of official transcripts,
6. two letters of reference,
7. test results (GRE, TOEFL), if required.

September admission deadlines:

- Canadian/permanent resident applicants – April 1
- International applicants – January 15

January admission deadlines:

- Canadian/permanent resident applicants – August 1
- International applicants – June 1

Documents are to be mailed directly to the Director, Graduate Program, School of Physical and Occupational Therapy

6.7.4 Program Requirements

Graduate Certificate in Assessing Driving Capabilities

Required Courses (15 credits)

- POTH 673 (3) Screening for at Risk Drivers
- POTH 674 (3) Assessing Driving Ability 1
- POTH 675 (3) Driving Assessment Practicum
- POTH 676 (3) Adaptive Equipment and Driving
- POTH 677 (3) Retraining Driving Skills

Elective Courses (for all programs)

In addition to courses offered by the School of Physical and Occupational Therapy, students may choose courses given in other units. A complete list of suitable electives can be obtained from the Graduate Student Affairs Coordinator.

Master of Science in Rehabilitation Science

(45 credits)

The program requires a minimum of three terms of full-time residence study. It is not uncommon for a student to take two or more years to complete the degree.

Required Courses (10 credits)

A research proposal is to be submitted in written form and defended in front of a supervisory committee. Research proposals should be completed by the beginning of the second full-time year.

Complementary Course (3 credits)

One 3-credit graduate level course in statistics may be required if not already completed in a prior degree.

Elective Courses (3 - 6 credits)

Thesis Component – Required (29 credits)

The student carries out a research study in an approved subject

discussed with special consideration given to research studies in health care and rehabilitation.

POTH 614 SELECTED TOPICS IN REHABILITATION SCIENCE. (3) (Restriction: on-campus students only.) A weekly lecture and seminar course taught by staff, designed to provide an overview of current research issues in rehabilitation.

POTH 616 SEMINARS IN REHABILITATION SCIENCE. (1) A weekly seminar course given by staff and invited speakers in different areas of research related to rehabilitation science. Students are expected to participate by reading pertinent literature prior to seminars and asking questions at each seminar. Attendance is compulsory, and the course is graded pass/fail based on participation.

POTH 617 REHABILITATION SEMINARS 1. (0) A weekly seminar course given by staff and invited speakers in different areas of research related to rehabilitation science. Students are expected to participate by reading pertinent literature prior to seminars and asking questions at each seminar. Attendance is compulsory, and the course is graded pass/fail based on participation.

POTH 618 TOPICS IN REHABILITATION. (3) This is a directed reading course on a topic in rehabilitation science. The student will acquire extensive knowledge in the topic of interest and understand the strengths and limitations of the current body of work in the area.

POTH 619 REHABILITATION SEMINARS 2. (0) (Restriction: During one academic year, students may not register for POTH 619 in the same term as POTH 616 or POTH 617.) Seminar course given by staff and invited speakers covering different areas of research related to rehabilitation science.

POTH 620 MEASUREMENT: REHABILITATION 1. (3) (Prerequisite: POTH 222 and permission of instructor.) Theoretical and practical basis for utilization of electronic equipment for quantitative measurement in rehabilitation research. Ambulatory assistive devices, electronic plates and instrumentation to assess normal and pathological human movement will be used to demonstrate the application of theory and techniques for quantitative analysis of human performance. Recording, reduction and analysis of electromyographic, kinetic and kinematic data included.

POTH 622 PATHOKINESIOLOGY. (3) (Prerequisite: POTH 620) Principles and techniques of quantitative biomechanics to assess abnormal human motor performance. Topics include the anthropometrics, kinematics, and kinetics of altered movement patterns that result from pathology of the nervous and musculoskeletal sys-

SCHOOL OF DIETETICS AND HUMAN NUTRITION

Laboratory and lecture rooms are well supplied with modern and efficient teaching facilities, while the reference section of the Macdonald Campus Library and the research laboratories are equipped to permit the vigorous investigation of problems at both the undergraduate and postgraduate level.

7.2 Programs and Admission Information

7.2.1 Degrees Offered

Bachelor of Science in Nutritional Sciences – B.Sc.(Nutr.Sc.)

Two undergraduate degree programs are offered by the School. The Dietetics Major leads to professional qualification. The Nutrition Major offers four study options: Nutritional Biochemistry, Food Function and Safety, Global Nutrition, or Sports Nutrition.

M.Sc.A., M.Sc. and Ph.D.

Graduate study is also offered at both the Master's and Doctoral levels. For further information, contact the School or refer to the *Graduate and Postdoctoral Studies Calendar*.

7.2.2 Application

The academic year at McGill is made up of two sessions, the fall/winter or regular session, and the summer session. These are subdivided into the fall term (September to December), the winter term (January to April) and the four months of the summer session (May, June, July, and August). While most students enter in September, it is possible to be considered for admission to most of the Agricultural and Environmental Studies undergraduate programs in January. Please note: entry at the Freshman Program level is **not** available in January.

The deadlines for submission of applications are: January 15 (applicants studying outside of Canada), February 1 (applicants from Canadian high schools outside of Quebec), March 1 (all other applicants). All applications must be accompanied by a \$60 non-refundable fee, in Canadian or U.S. funds only, payable by certified cheque, money order or credit card. McGill does not offer application fee waivers.

Application to the School of Dietetics and Human Nutrition can be made using the McGill on-line application available on the Web, www.mcgill.ca/applying. Those without access to the Web may obtain the application kit, by e-mailing, writing, or telephoning the Student Affairs Office, Macdonald Campus, 21,111 Lakeshore Road, Ste-Anne-de-Bellevue, QC, H9X 3V9. Telephone: (514) 398-7928. E-mail: studentinfo.macdonald@mcgill.ca.

Please note that the same application is used for all undergraduate programs at McGill and two program choices can be entered.

7.2.3 Admission Requirements

Applicants are not required to submit proof of proficiency in English if they meet **one** of the following conditions: their mother tongue/first language is English; they have completed both Secondary V and a Diploma of Collegial Studies in Quebec; they have completed the last five years of study in a French Baccalaurate International Option program, or in a French Lycée located in an English speaking country; they have completed A-Level English (other than English as a Second Language) with a final grade of C or better; their last five years of study (preceding application) have been at a learning institution where English is the main language of instruction (including applicants taught in English in Kenya, Liberia and Singapore).

Quebec CEGEP Students

Applicants must have completed a two-year Quebec post-secondary collegial program (CEGEP) in the Pure and Applied Sciences, Health Sciences, or Science de la nature. (Applicants who have completed the DEC en sciences, lettres et arts are also eligible for admission. Applicants who have completed a DEC in a technical area will be considered on an individual basis.)

7.4 Academic Programs

7.4.1 Freshman Major

Students entering university for the first time from schools other than the Quebec CEGEP level will be required to complete the 30 credits listed below before selecting a subject Major.

7.4.2 Major in Dietetics

Academic Advising Coordinator:
Linda Jacobs Starkey,

applied quantitative aspects of human nutrition. Nutrient utilization, evaluation and requirements, as related to dietary standards.

NUTR 344 CLINICAL NUTRITION 1. (4) (Winter) (Two 2-hour lectures) (Prerequisite: ANSC 323.) (Corequisite: NUTR 337.) Clinical nutrition assessment and dietary modification of pathological conditions including hypertension, lipid disorders and cardiovascular disease, obesity, diverticulosis, cancer, COPD, anorexia nervosa and bulimia.

NUTR 345 FOOD SERVICE

consent of instructor) Discussion of knowledge in the area of nutrition and behaviour through lectures and critical review of recent literature; to discuss the theories and controversies associated with relevant topics; to understand the limitations of our knowledge. Topics such as diet and brain biochemistry, stress, feeding behaviour and affective disorders will be included.

NUTR 512 HERBS, FOODS AND PHYTOCHEMICALS. (3) (3 lectures and a project) (Prerequisite (Undergraduate): FDSC 211 or BIOL 201 or BIOC 212) An overview of the use of herbal medicines and food phytochemicals and the benefits and risks of their consumption. The physiological basis for activity and the assessment of toxicity will be presented. Current practices relating to the regulation, commercialization and promotion of herbs and phytochemicals will be considered.

7.5.2 Courses Offered by Other Units

Given below are descriptions of courses offered by other units within the Faculty which form pa

EDKP 391 PHYSIOLOGY IN SPORT AND EXERCISE. (3) (Prerequisite: EDKP 293 or equivalent.) Examination of the responses of the human body during and following acute and chronic exercise with practical applications for a school setting.

EDKP 495 SCIENTIFIC PRINCIPLES OF TRAINING. (3) (Prerequisites: EDKP 331 and EDKP 391) Application of physiological and kinesiological principles in the selection and evaluation of athletic and physical fitness programs. Specific topics studied will include aerobic and anaerobic training, interval training, circuit training, weight training for muscular strength and endurance, flexibility,

ENVR 201 SOCIETY AND ENVIRONMENT. (3) (Fall) (Section 01: Downtown Campus) (Section 51: Macdonald campus) An introduction to human societies and their relations with the biophysical environment, focusing on how economy, technology, and institutions interact to give rise to environmental problems. Analytical treatment of key concepts from distinct disciplinary perspectives in the social and life sciences, including "carrying capacity", "renewable resources", "environmental equity", and "sustainability". motor ability, obesity and energy balance.

ENVR 203 KNOWLEDGE, ETHICS AND ENVIRONMENT. (3) (Fall - Macdonald Campus; Winter - Downtown) (Section 01: Downtown Campus) (Section 51: Macdonald Campus) Introduction to cultural perspectives on the environment: the influence of culture and cognition on perceptions of the natural world; conflicts in orders of knowledge (models, taxonomies, paradigms, theories, cosmologies), ethics (moral values, frameworks, dilemmas), and law (formal and customary, rights and obligations) regarding political dimensions of critical environments, resource use, and technologies.

FDSC 200 I

requisites: BIOL 200, BIOL 201