

PRINCIPAL'S
MESSAGE
2006/07

Welcome to McGill!

Welcome to McGill, an internationally renowned university with a historic tradition of excellence in research and academics. McGill is Canada's leading teaching and research-intensive university, and has long attracted the best and the brightest faculty and students from around the world.

There are more than 170,000 McGill graduates worldwide, a virtual city, whose residents include Nobel laureates, Rhodes scholars, astronauts, Olympic athletes, and global leaders in science, politics, the arts, and business. Our dedicated administrative staff are working hard to ensure that your time here at McGill is not only academically challenging, but an opportunity to develop as a person.



Today's social, technological and medical challenges continue to push the envelope of research, teaching and learning. At McGill, we welcome these challenges as we enter an unprecedented period of growth and renewal. New cutting-edge facilities will not only benefit students and faculty directly with state-of-the-art classrooms and laboratories, but will also serve to secure McGill's place at the forefront of global innovation. Our investment in our infrastructure is matched by a major academic rejuvenation. This decade will see the hiring of 100 new faculty members per year. Academic programs are growing and evolving too. New programs in engineering, science, and education have been added to the already more than 300 areas of study offered by the University.

McGill's strengths lie not only in our reputation, facilities, faculty and administrative staff, but in the quality of our students. We are committed to attracting students of the highest calibre from across Canada and around the world. Our rigorous admission standards ensure the overall excellence of the students accepted to McGill, while the scholarships, awards, and bursaries described in this Calendar help us attract them here. We are grateful for the generosity of our many donors who make this possible.

I wish you all the best as you embark on your University degree and hope you enjoy your time at McGill.

A handwritten signature in black ink, which appears to read 'H. Blum'. The signature is fluid and cursive, written in a professional style.

Heather Munroe-Blum
Principal and Vice-Chancellor

Published by

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Please Note: Not all courses are offered every year, and changes can be made after this calendar is printed. Always check the Class Schedule link at www.mcgill.ca/courses for the most up-to-date information on whether a course is offered.

McGill University reserves the right to make changes to the information contained in this publication – including correcting errors, altering fees, schedules of admission and credit requirements and revising or cancelling particular courses or programs – without prior notification.

The Web version of the Calendar at www.mcgill.ca/courses is the most current edition of this document, and is updated at various times of the year.

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Cover Design

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Back Cover

Small photos (left to right, bottom to top):

The Barton Building at McGill's historic Macdonald Campus. Macdonald celebrates its centennial year in 2006-2007. • *Photo by Jack Goldsmith, IMS*

McGill's hockey Redmen, in action at the refurbished McConnell Arena. The Redmen finished atop the league standings in 2005 for the first time since 1946. • *Photo by Gary Rush, McGill Athletics*

Students cross Sherbrooke Street West towards McGill's landmark Roddick Gates. • *Photo by Jack Goldsmith, IMS*

Jamil Semhat, a second-year chemical engineering undergraduate, hits the books in the lobby of McGill's MH Wong Building. • *Photo by Claudio Calligaris*

Macdonald Campus' Laird Hall. • *Photo by Dr. David J. Lewis, Associate Dean (Student Affairs), Faculty of Agricultural and Environmental Sciences*

A birdseye view of McGill's downtown campus. • *Photo by Jack Goldsmith, IMS*

McGill's Faculty of Arts building, fronted by the Whitney Friendship Fountain, better known as "The Three Bares." Sculpted by McGill alumnus Ellen Barton, it was donated to the university in 1930 by Getrude Vanderbilt Whitney as a "Friendship gift to McGill University by American Admirers of Canada." • *Photo by Jack Goldsmith, IMS*

Large photo:

McGill's Kaylyn Morton, a chemical engineering senior from Toronto, won the 2005 women's individual scoring championship in the Quebec university alpine ski circuit. • *Photo by Andrew Dobrowolskyj, McGill Athletics*





McGill University:
www.mcgill.ca

Admission:
mcgill.ca/applying

Registration:
mcgill.ca/minerva

Faculty of Dentistry
www.mcgill.ca/dentistry

Faculty of Medicine
www.medicine.mcgill.ca

School of Communication
Sciences and Disorders
www.mcgill.ca/scsd

School of Dietetics and
Human Nutrition
www.mcgill.ca/dietetics

School of Nursing
www.nursing.mcgill.ca

School of Physical and
Occupational Therapy
www.medicine.mcgill.ca/spot

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1 Calendar of Dates 2006-07

The complete Calendar of Dates is available on the Web at www.mcgill.ca/student-records. The excerpt published herein was accurate as of February 2006. 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.

- Agricultural and Environmental Sciences, including School of Dietetics and Human Nutrition and McGill School of Environment students registered in A&ES
- Arts, including School of Social Work, and McGill School of Environment students registered in Arts
- Education
- Engineering, including School of Architecture
- Desautels Faculty of Management
- Schulich School of Music
- Religious Studies
- Science, including School of Computer Science and McGill School of Environment students registered in Science

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

ACTIVITY CODE LEGENDS			
ADV	Academic Advising	LEC	Lecture
APP	Application	MTG	Meeting
AUD	Audition	NOTE	Note to students
AWRD	Awards (including scholarships)	ORIENT	Orientation
CONV	Convocation	PLEXAM	Placement exam—application and examination
DEF	Deferred—application and examination	PREXAM	Practical exam—application and examination
EXAM	Examinations	REG	Registration
EXCH	Exchange Deadlines	STAGE	Field practice, etc.
EVENT	Event—reunion, carnival, presentation, etc.	SUPP	Supplemental—application and examination
FORM	Forms	THES	Thesis
HOLIDAY	Holiday	VERIF	Verification Period
IFT	Inter-faculty transfer	W	Course withdrawal
INFO	Information	W--	University withdrawal

CALENDAR OF DATES (MARCH 2006)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
March 2006			
Mar. 1, Wed.	APP	LAW	Deadline for applications for admission to Law for students applying from a Quebec CEGEP, from French Baccalaureate Programmes and for Law Visiting Applicants.
Mar. 1, Wed.	SUPP	→	Application deadline for supplemental exams in courses ending during the Fall term for Arts, Education, Nursing, Religious Studies, Science and Social Work (supplemental exams are not available for Agricultural and Environmental Sciences, Engineering [except freshman U0 courses] or Management courses).
Mar. 1, Wed.	APP	GRAD	Deadline for application for September admission to most departments in the GPSO. (Many departments have earlier deadlines. Please verify with the individual department or on the Web at www.mcgill.ca/applying/graduate).
Mar. 1, Wed.	APP	ALL	Deadline for applications for all applicants studying, or who last studied, in a CEGEP in Quebec (except applicants to Agricultural & Environmental Sciences and Music).
Mar. 1, Wed.	EXCH	GRAD	Deadline for incoming exchange applications at the graduate level Fall term (September) start and Winter term (January) start. (Many departments have earlier deadlines. Please verify with individual department or at www.mcgill.ca/applying/graduate).
Mar. 7, Tues. to Mar. 17, Fri.	EXAM	P&OT	Examination period for 1 st year Physical and Occupational Therapy students.
Mar. 8, Wed.	INFO	→	Deadline for all Undergraduate students and Graduate students in all non-thesis programs (certificates, diplomas, master's non-thesis) who expect to complete their program requirements at the end of the Winter 2006 term (June 2006 convocation) to apply to graduate on Minerva.
Mar. 9, Thurs.	REG	→	Summer Session registration opens for Undergraduate students entering U3/U4 year; Continuing Education returning students; and Graduate students. Undergraduate students should refer to the summer course calendar for all Management course priority registration dates. Graduate students should confirm dates with individual departments.
Mar. 9, Thurs.	REG	LAW	Summer Session registration opens for Law Undergraduate and Law Graduate students.
Mar. 13, Mon.	ADV	A&ES/FMT	Academic advising begins for all returning undergraduate students in the Faculty of Agricultural & Environmental Sciences & FMT students.
Mar. 13, Mon.	ADV	ART/SCI/BSW	Academic advising begins for returning students in Arts, Science and Social Work.
Mar. 13, Mon. & Mar. 14, Tues.	ADV	ENG	Distribution of all registration information and calendars for returning Engineering students in the Student Affairs Office, Room 378, Macdonald Engineering Building.
Mar. 13, Mon. to Mar. 15, Wed.	ADV	MUS	Distribution of registration information and calendars for returning Music students in the lobby of the Strathcona Music Building.
Mar. 13, Mon. to Mar. 17, Fri.	ADV	ART/SCI/BSW	Distribution of calendars for returning Arts and Science students in the <u>corridor</u> of the Leacock Building.
Mar. 13, Mon. to Mar. 17, Fri.	ADV	REL	Distribution of calendars for returning BTh students, BIRKS Building, Room 113.
Mar. 13, Mon. to Mar. 23, Thurs.	ADV	EDUC	Academic advising for returning students in Education. Appointments to be arranged by individual departments. Please consult the Student Affairs Website at www.mcgill.ca/edu-sao for details.
Mar. 14, Tues.	REG	→	Summer Session registration opens for all Undergraduate students and Continuing Education newly admitted and special students. Undergraduate students should refer to the summer course calendar for all Management course priority registration dates.
Mar. 16, Thurs.	REG	→	Summer Undergraduate Management courses open to all McGill students and Special and Visiting students.
Mar. 16, Thurs. to Apr. 13, Thurs.	ADV	MUS	Academic advising for returning students in Music. Appointments to be arranged by individual departments.
Mar. 20, Mon. to Apr. 28, Fri.	STAGE	P&OT	Clinical Affiliation for 1 st year Physical and Occupational Therapy students.
Mar. 22, Wed.	INFO	→	Deadline for all Undergraduate students and Graduate students in all non-thesis programs (certificates, diplomas, master's non-thesis) who expect to complete their program requirements at the end of the Summer 2006 term (November 2006 convocation) to apply to graduate on Minerva.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Mar. 23, Thurs.	REG	→	Registration using Minerva begins for all students entering the <u>graduating (U3/U4)</u> year of their program (excluding Law and courses offered by the Desautels Faculty of Management, except as noted below), and all students in Graduate degree programs, except for Continuing Education.
Mar. 23, Thurs.	REG	MGMT	Registration in Management courses begins for undergraduate students entering their <u>graduating (U3/U4)</u> year: B.Com.; Minors in Management, Technological Entrepreneurship, Construction Engineering and Management; B.A. Joint Honours Economics and Finance; B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics and B.Ed. in Kinesiology.
Mar. 23, Thurs.	REG	CE	Registration using Minerva begins for all returning Continuing Education- Education students only.
Mar. 23, Thurs. to Apr. 10, Mon.	INFO	→	MOLE Evaluation period for Winter term: McGill Online Evaluations available for completion on Minerva.
Mar. 28, Tues.	REG	→	Registration using Minerva begins for students in all programs entering their <u>penultimate (U2)</u> year of study (excluding Law and courses offered by the Desautels Faculty of Management except as noted below), except for Continuing Education.
Mar. 28, Tues.	REG	MGMT	Registration in Management courses begins for undergraduate students entering their <u>penultimate (U2)</u> year of study: B.Com.; Minors in Management, Technological Entrepreneurship, Construction Engineering and Management; B.A. Joint Honours Economics and Finance; B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics and B. Ed. in Kinesiology.
Mar. 30, Thurs.	REG	→	Registration using Minerva begins for all returning students (excluding Law and courses offered by the Desautels Faculty of Management except as noted below), except for Continuing Education.
Mar. 30, Thurs.	REG	MGMT	Registration in Management courses begins for returning undergraduate students entering the <u>first (U1) year</u> of study: B.Com.; Minors in Management, Technological Entrepreneurship, Construction Engineering and Management; B.A. Faculty Program or Major in Industrial Relations; B.A. Joint Honours Economics and Finance; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics and B.Ed. in Kinesiology.
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 returning students taking 3 rd year Field Experience courses in 2006-2007.
April 2006			
Apr. 4, Tues.	REG	MGMT	Registration in courses offered by the Desautels Faculty of Management opens for all returning students.
Apr. 6, Thurs. to May 1, Mon.	REG	SPBSW	Summer session registration begins for Special B.S.W. 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 2006 for classes in Agricultural and Environmental Sciences (excluding FMT), Arts, Continuing Education, Education (non-blocked courses), Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (second and third year), Religious Studies, Social Work (BSW & MSW), Science.
Apr. 11, Tues. to Apr. 28, Fri.	EXAM	ALL	Examination period for courses ending during the Winter term. (Physical and Occupational Therapy 2 nd and 3 rd year students only.)
Apr. 12, Wed.	STAGE	MSW	Last day of Field Practice for MSW students.
Apr. 14, Fri. and Apr. 17, Mon.	HOLIDAY	→	EASTER. No classes or exams. Administrative offices closed. Library hours to be announced.
Apr. 20, Thurs.	LEC	FMT	Last day for lectures for FMT program.
Apr. 21, Fri. to Apr. 28, Fri.	EXAM	FMT	Winter term examination period for Farm Management and Technology program.
Apr. 28, Fri.	ORIENT	D & HN	Orientation: NUTR 209, Professional Practice Stage 1B (Dietetics).
Apr. 28, Fri.	IFT	ARCH	School of Architecture application deadline for Fall term 2006 inter-faculty transfers.

CALENDAR OF DATES (MAY 2006)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
May 2006			
May 1, Mon.	APP	LAW	Deadline for Law Transfer and Quebec Bar applicants.
May 1, Mon.	APP	REL	Application deadline for Fall admission of international students to Faculty of Religious Studies, BTh Program.
May 1, Mon.	EXCH	→	Deadline for incoming undergraduate exchange applications from bilateral partners with a Fall term (September) start. Please note that the Schulich School of Music has an earlier deadline.
May 1, Mon.	EXCH	LAW	Deadline for incoming undergraduate exchange applications from bilateral partners to the Faculty of Law with a Fall term (September) start or Winter term (January) start.
May 1, Mon.	EXCH	→	Deadline for incoming undergraduate exchange applications under the CREPUQ student exchange program with a Fall term (September) start and Winter term (January) start.
May 1, Mon.	LEC	SPBSW	First day of lectures for incoming Special B.S.W. students.
May 1, Mon.	LEC	P&OT	Classes reconvene for 1 st year Physical and Occupational Therapy students.
May 1, Mon.	LEC/ STAGE	NURS	Classes reconvene and clinical courses commence for Nursing students.
May 1, Mon.	ORIENT	D & HN	Orientation: NUTR 311, Professional Practice Stage 2B (Dietetics).
May 1, Mon. and May 2, Tues.	DEF/SUPP	→	Deferred and supplemental examinations in courses ending in the Fall term in Arts, Education, Nursing, Physical and Occupational Therapy, Religious Studies, Science, Social Work and Engineering U0 courses.
May 2, Tues.	STAGE	D & HN	Site Placements begin for NUTR 311, Stage in Dietetics 2B.
May 2, Tues.	REG	LAW	Registration (credits restricted) begins for returning U4 students in Faculty of Law.
May 2, Tues. & May 3, Wed.	DEF	A&ES	Deferred examinations for courses ending in the Fall term in Agricultural and Environmental Sciences.
May 2, Tues. to May 4, Thurs.	REG	SPSBSW	Summer session late registration for Special B.S.W. students (with late fee).
May 2, Tues. to May 7, Sun.	REG	CE	Summer session late registration for all Continuing Education Students.
May 4, Thurs.	REG	LAW	Registration (credits restricted) begins for returning U3 students in Faculty of Law.
May 9, Tues.	REG	LAW	Registration (credits restricted) begins for returning U2 students in Faculty of Law.
May 11, Thurs.	REG	LAW	Registration with credit limit raised for all returning students in Faculty of Law.
May 15, Mon.	DEF	→	Application deadline for deferred examinations for Winter term and multi-term courses ending in the Winter term 2006 in Agricultural and Environmental Sciences, Arts (including School of Social Work), Education and Science.
May 15, Mon.	W	→	Deadline for Web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in Winter 2006 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	→	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 12 (with full refund for the Fall term) by contacting their faculty Student Affairs Office.
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 29, Mon.	CONV	→	10:00 Education 14:00 Management 19:00 Continuing Education
	NOTE	→	For additional information regarding Convocation, please consult www.mcgill.ca/convocations .

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
May 30, Tues.	CONV	→	10:00 Engineering 15:00 Health Science
May 31, Wed.	CONV	→	10:00 Science "A" 14:00 Science "B" 18:00 Law
May-June-July-Aug.	STAGE	P&OT	Clinical Affiliations for 2 nd year Physical and Occupational Therapy students.
June 2006			
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 Music practical examinations. (Summer graduands only.)
June 1, Thurs.	CONV	→	10:00 Arts "A" 14:00 Arts "B"
June 2, Fri.	LEC/EXAM/ STAGE	NURS	Last day of Clinical Placement (including examinations) for U3 Bachelor of Science (Nursing) students. Last day of lectures, Clinical Placement (including examinations) for U2 Bachelor of Science (Nursing) students.
June 5, Mon.	CONV	→	10:00 Music (Pollack Hall)
June 5, Mon.	THES	GRAD	Deadline to submit Doctoral theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Fall 2006. Meeting this deadline does not guarantee a Fall graduation.
June 6, Tues.	CONV	→	14:30 Agricultural & Environmental Sciences (Macdonald Campus)
June 15, Thurs. to Sept. 5, Tues.	REG	NEW	Registration using Minerva for all <u>newly admitted</u> undergraduate students in the following faculties who have been admitted from Quebec CEGEPs (including those from College Marie de France and College Stanislas): Agricultural and Environmental Sciences, Arts, Education, Engineering including Architecture, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Science (including Medical Prep and Dental Prep. students), and Social Work.
June 15, Thurs. to Aug. 17, Thurs.	IDCARD	→	Students from Quebec CEGEPs can avoid line-ups and get their ID cards early at the ARR Service Centre. Office hours are 9 a.m. to 5 p.m. weekdays. As of Monday, June 19 the office has a summer schedule: closed on Fridays and on Thursday, June 22 and Thursday, June 29. As of Monday, August 21, you can still get your card with everyone else – but you may have to wait longer in line.
June 15, Thurs. to Aug. 24, Thurs.	IDCARD	A&ES	Agricultural and Environmental Science students admitted from Quebec CEGEPs can get their ID cards in the Student Affairs Office, Laird Hall, Room 106. Office hours are from 9:00 a.m. to 4:00 p.m., Monday through Thursday and 9:00 a.m. to 3:00 a.m. on Friday throughout the Summer. Please note that the Student Affairs Office will be closed on Thursday, June 22 and Thursday, June 29 followed by the statutory holidays of Friday, June 23 rd and Friday, June 30 th . The regular Monday through Friday schedule will resume with the week commencing July 3 rd .
June 15, Thurs.	APP	REL	Application deadline for Fall admission to Faculty of Religious Studies, B.Th. Program.
June 15, Thurs.	LEC	SPBSW	Last day of summer lectures for incoming Special B.S.W. students.
June 16, Fri.	STAGE	D&HN NURS	Last day for NUTR 311, Stage in Dietetics 2B. Last day of lectures, Clinical Placement (including examinations) for U1 Bachelor of Science (Nursing) students.
June 19, Mon.	THES	GRAD	Deadline to submit Master's theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Fall 2006. Meeting this deadline does not guarantee a Fall graduation.
June 22, Thurs.	EXAM	DENT/ MED	Last day of exams for 1 st year Dentistry/Medicine students.
June 22, Thurs.	LEC	DENT	Last day of lectures for 2 nd year Dentistry students.
June 22, Thurs.	NOTE	→	On Thursday, June 22 and Thursday, June 29 and all Fridays starting June 23 until August 18 (inclusive) most administrative offices will be closed. Students are urged to inquire in advance to ensure the office they wish to contact is open.
June 23, Fri.	HOLIDAY	→	Classes cancelled. Administrative offices closed (for La Fête Nationale du Québec).
June 24, Sat.	HOLIDAY	→	LA FÊTE NATIONALE DU QUÉBEC. Libraries closed.

CALENDAR OF DATES (JUNE – AUGUST, 2006)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
June 25, Sun.	LEC	MED	Last day for activities for 2 nd year Medicine Students.
June 26, Mon.	STAGE	D & HN	Site Placements begin for NUTR 209, Professional Practice Stage 1B (Dietetics).
June 27, Tues.	ADV	NURS	Academic advising for undergraduate students entering the BN Integrated Nursing Program from 9:00 a.m. to 12:00 p.m. or 1:00 p.m. to 4:00 p.m.
June 29, Thurs.	NOTE	→	Administrative offices closed.
June 30, Fri.	HOLIDAY	→	Classes cancelled. Administrative offices closed (for Canada Day).
July 2006			
July 1, Sat.	HOLIDAY	→	CANADA DAY. Libraries closed.
July 4, Tues.	REG	CE	Registration using Minerva begins for returning students in Continuing Education for Fall courses and programs.
July 11, Tues.	REG	CE	Registration using Minerva begins for newly admitted students in Continuing Education for Fall courses and programs.
July 13, Thurs.	REG	MUS	Deadline for returning students to submit practical lesson assignment cards without a late fee.
July 15, Sat.	SUPP	→	Application deadline for supplemental examinations for courses ending in Winter term 2006 (including multi-term courses ending in Winter term) for Arts, Education, Nursing, Religious Studies, Science and Social Work (supplemental exams not available for Agricultural and Environmental Sciences, Engineering [except freshman U0 courses] or Management courses).
July 18, Tues. to Sept. 5, Tues.	REG	NEW	Registration using Minerva for all <u>newly admitted</u> students in Law.
July 18, Tues.	REG	CE	Registration using Minerva for returning Continuing Education Special students for Fall courses and programs.
July 21, Fri.	STAGE	D & HN	Last day for activities for 1 st year Dietetics (Stage) students (NUTR 209).
July 24, Mon.	LEC	MED	Classes begin in the Faculty of Medicine for 3 rd year students.
August 2006			
Aug. 1, Tues.	REG	RET	Last day for returning students in all faculties to register (except Continuing Education) without a late registration fee.
Aug. 2, Wed. to Sept. 5, Tues.	REG	RET	Late registration and course change on Minerva for returning students in all faculties (except Continuing Education) with a \$50 late registration fee (\$20 for Special students and Graduate part-time students).
Aug. 2, Wed. to Sept. 5, Tues.	REG	NEW	Registration using Minerva for all <u>newly admitted</u> undergraduate students in the following faculties. Note: Students admitted from Quebec CEGEPs have access to registration as of June 15. Agricultural and Environmental Sciences, Arts, Education, Engineering including Architecture, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Science, and Social Work.
Aug. 2, Wed. to Aug. 17, Thurs.	IDCARD	→	Canadian students can avoid line-ups and get their ID cards early on August 2, 3, 7, 8, 9, 10, 14, 15, 16 and 17 at the ARR Service Centre from 9 a.m. to 5 p.m. If you miss these dates, you can still get your card with everyone else – but you may have to wait longer in line.
Aug. 3, Thurs. to Aug. 15, Tues.	REG	MED/DENT	Registration using Minerva for 1 st year Medicine and Dentistry students. Must confirm registration by attending mandatory (all day) in-faculty confirmation of registration and orientation on August 15 th .
Aug. 3, Thurs. to Sept. 5, Tues.	REG	NEW	Registration using Minerva for all <u>newly admitted</u> students in Graduate Studies.
Aug. 7, Mon. to Aug. 25, Fri.	IDCARD	A&ES	New students can avoid line-ups and get their ID cards early from August 7-11, 14-18, 21-25, at Laird Hall, Room 106, from 9 a.m. to 3 p.m. If you miss these dates, one will be worked in for you during Orientation activities.
Aug. 7, Mon. to Aug. 17, Thurs.	DEF/SUPP	LAW	Deferred and supplemental examinations in Law.
Aug. 7, Mon. to Sept. 1, Fri.	ADV	A&ES	Academic advising for new students in Agricultural and Environmental Sciences and School of Dietetics and Human Nutrition. Refer to Orientation schedule and Website www.mcgill.ca/macdonald/orientation for specific details.
Aug. 15, Tues.	INFO	→	Last day for students to request fee exemptions and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Admissions, Recruitment and Registrar's Office for the Summer 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.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Aug. 15, Tues.	PLEXAM	NEW	Application deadline for newly admitted students for McGill Placement Examinations in basic science courses in biology, chemistry, physics and math including MATH 122 and MATH 123 for newly admitted Management students. See www.mcgill.ca/student-records/exam/placement for more details.
Aug. 15, Tues.	REG	→	Registration using Minerva begins for Fall term Continuing Education courses for all faculties except Dentistry, Law, Management, Medicine, Nursing and Physical and Occupational Therapy.
Aug. 15, Tues. to Aug. 17, Thurs.	REG	MED/DENT	Mandatory in-faculty confirmation of registration for 1 st year Medicine and Dentistry students (all 3 days).
Aug. 16, Wed.	ORIENT	MED	Orientation for Medical Prep. students.
Aug. 20, Sun. to Sept. 1, Fri.	LEC	ART/SCI	Field course BIOL 331 begins and runs for 12 consecutive days. Students must contact the instructor well in advance for registration approval and instructions on getting to the field site.
Aug. 21, Mon.	LEC	DENT/MED	Lectures begin in the Faculty of Dentistry for 1 st year students and in the Faculty of Medicine for 1 st year students.
Aug. 21, Mon.	REG	DENT	In-faculty confirmation of registration for 3 rd and 4 th year Dentistry students.
Aug. 21, Mon.	LEC	DENT	Lectures begin in the Faculty of Dentistry for 3 rd and 4 th year students.
Aug. 21, Mon. to Aug. 25, Fri.	ADV	ART/SCI	Academic advising for new students in Arts (including BSW) and Science. Refer to "Welcome to McGill" book and the Student Affairs Office Website at www.mcgill.ca/artscisao for details.
Aug. 21, Mon. to Aug. 31, Thurs.	ADV	EDUC	Academic advising for new students in Education. (Please consult the Student Affairs Website at www.mcgill.ca/edu-sao for exact schedule).
Aug. 21, Mon. to Sept. 1, Fri.	IDCARD	→	IDs at the Trotter Building Cafeteria from 9 a.m. to 5 p.m. Including Saturday, August 26 and Sunday, August 27.
Aug. 22, Tues.	ADV	ENG	Transfer credit session for new students entering Year 0. Frank Dawson Adams Building, Room 5, 11:00 a.m.
Aug. 22, Tues. & Aug. 23, Wed.	DEF	A&ES	Deferred exams in Faculty of Agricultural and Environmental Sciences for Winter term 2006 courses.
Aug. 23, Wed. & Aug. 24, Thurs.	DEF/SUPP	→	Deferred and supplemental examinations for courses in Winter term 2006 (including multi-term courses ending in Winter term) for Arts, Education, Engineering (U0 courses), Nursing, Physical and Occupational Therapy, Religious Studies, Science, and Social Work.
Aug. 23, Wed. to Aug. 25, Fri.	PLEXAM	NEW	McGill Placement Examinations for newly admitted students in basic science courses in biology, chemistry, physics and math, including MATH 122 and MATH 123 for newly admitted Management students. See www.mcgill.ca/student-records/exam/placement for more details.
Aug. 25, Fri. to Aug. 30, Wed.	ORIENT	ART/SCI	Arts and Science Departmental Orientation sessions and advising for newly admitted students in some departments. Students must check the Student Affairs Office Website for specific details: www.mcgill.ca/artscisao .
Aug. 28, Mon.	LEC	A&ES	Students registering for PLNT 358 report for field excursion at 9:00 a.m. in R2-046 Raymond Building, Macdonald Campus. Field excursions continue on Aug. 29, 31 and September 1.
Aug. 28, Mon.	LEC	DENT/MED	Lectures begin in the Faculties of Dentistry and Medicine for 2 nd year students.
Aug. 28, Mon.	LEC	FMT	First day of lectures in Farm Management and Technology Program (all years).
Aug. 28, Mon. & Aug. 29, Tues.	PLEXAM	MUS	Undergraduate Placement Examinations in Music History, Theory, Musicianship and Keyboard Proficiency.
Aug. 28, Mon. to Sept. 1, Fri.	LEC	A&ES	Students registering for WILD 401 report for class at 9:00 a.m. Field session lasts from Monday to Friday inclusive.
Aug. 28, Mon. to Sept. 1, Fri.	IDCARD	A&ES	IDs at Laird Hall during "Discover Mac" week. Refer to Orientation schedule and Website www.mcgill.ca/macdonald for more details (closed Monday, September 4).
Aug. 28, Mon. to Sept. 1, Fri.	ORIENT	ALL	Orientation Week
Aug. 28, Mon. to Sept. 1, Fri.	ORIENT	A&ES	"Discover Mac" in our Centenary year – Faculty Orientation for all new students (undergraduate and graduate) in the Faculty of Agricultural and Environmental Sciences. Refer to Orientation schedule and Website www.mcgill.ca/macdonald/orientation for details.
Aug. 28, Mon. to Sept. 15, Fri.	ORIENT	ALL	Orientation Centre opens daily at 9:00 a.m., Brown Student Services Building, 2 nd floor, 3600 McTavish Street (closed weekends and Labour Day).

CALENDAR OF DATES (AUGUST – SEPTEMBER, 2006)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Aug. 28, Mon. to Sept. 22, Fri.	ORIENT	ALL	First-Year Resource Room opens daily (9:00 a.m. to 5:00 p.m.) Brown Student Services Building, Room 2007, 3600 McTavish Street (closed weekends and Labour Day).
Aug. 29, Tues., Aug. 31, Thurs. and Sept. 1, Fri.	PLEXAM	NEW	McGill Placement Examinations for newly admitted students in basic science courses in biology, chemistry, physics and math, including MATH 122 and MATH 123 for newly admitted Management students. See www.mcgill.ca/student-records/exam/placement for more details.
Aug. 30, Wed.	ORIENT	NEW	“ Discover McGill ” - University and Faculty orientation for all new undergraduate students. Refer to “Welcome to McGill” book for details.
Aug. 30, Wed. to Sept. 15, Fri.	ADV	ENG	Compulsory academic advising and course approval required for ALL returning Engineering students (first two weeks of classes).
Aug. 31, Thurs.	ADV	MGMT	Advising (compulsory) for new degree students in Management. See “Welcome to McGill” book for specific details.
Aug. 31, Thurs.	ADV	MUS	Advising of new undergraduate students in Music at the Strathcona Music Building at 1:30 p.m. Please consult the Student Affairs Website at www.mcgill.ca/music/student/undergraduate/newstudent/advising for specific details.
Aug. 31, Thurs.	ADV	NURS	Academic advising for students entering the Bachelor of Science (Nursing) Program as U0 and mature students from 9h00 to 12h00. Academic advising for students transferring from other Universities into the Bachelor of Science (Nursing) Program in Nursing, from 13h00 to 16h00.
Aug. 31, Thurs.	INFO	BSW	B.S.W. Field information session (all day).
Aug. 31, Thurs.	INFO	MSW	M.S.W. information session (afternoon).
Aug. 31, Thurs.	REG	ALL	Deadline for cancellation of registration for the Fall term except Continuing Education. (Deposit is non-refundable for new students.)
Aug. 31, Thurs.	APP	ALL	Deadline to request deferral of Fall term admission to McGill for all undergraduate faculties (excluding Medicine, Dentistry, Law and Music). Further information about Medicine deferrals is available at www.medicine.mcgill.ca/admissions .
Aug. 31, Thurs.	THES	GRAD	Registered students in 2005-2006 who have completed the residency in a thesis program and who submit their theses to GPSO (Thesis Office) on or before this date are not required to register for the 2006-2007 academic year. Students who have already registered for the year must ask the Graduate and Postdoctoral Studies Office, in writing, to delete their registration at the time of their thesis submission, by completing the “Request to Cancel Graduating Program Registration” form on the Web at www.mcgill.ca/gps/programs/dates .
	NOTE	GRAD	Students should not expect to graduate in Fall 2006, but must graduate by Fall 2007 (at the latest), otherwise, they must be reinstated and will be charged retroactive registration fees for all unregistered sessions up to and including the term in which they graduate.
Aug. 31, Thurs. to Sept. 1, Fri.	ADV	ENG	Advising (compulsory) for new students in Engineering including Architecture. Refer to “Welcome to McGill” book and Website www.mcgill.ca/engineering/newstudents for specific dates.
September 2006			
Sept. 1, Fri.	ADV	MGMT	Advising (compulsory) for Special, Visiting & Exchange students in Management.
Sept. 1, Fri.	APP	MED	On-line application opens for undergraduate Medical program.
Sept. 1, Fri.	APP	DENT	On-line application opens for Dental Residency program.
Sept. 1, Fri.	ORIENT	D & HN	Orientation for NUTR 510, Professional Practice–Stage 4 (Dietetics) (8:30 a.m. - 4:00 p.m.); placements commence September 5.
Sept. 1, Fri.	ORIENT	LAW	Faculty Orientation and in-faculty confirmation of registration for 1 st year, special and visiting students in Law, Chancellor Day Hall.
Sept. 4, Mon.	HOLIDAY	→	LABOUR DAY. (Classes cancelled). Administrative offices closed.
Sept. 5, Tues.	ORIENT	GRAD	University Orientation for new graduate students in Thomson House, 3650 McTavish Street, either 11:00 a.m. - 12:00 noon, OR 3:00 p.m. - 4:00 p.m., OR 5:00 p.m. – 6:00 p.m.
Sept. 5, Tues.	STAGE	BSW	B.S.W. Field Practice commences.
Sept. 5, Tues.	LEC	MSW	M.S.W. lectures begin.
Sept. 5, Tues.	REG	CE	Deadline for students to register for Continuing Education courses without a late registration fee.
Sept. 5, Tues.	REG	ALL	Deadline for new students to register without a late registration fee for all faculties and for returning students to register with a \$50 late fee (\$20 for Special students and Graduate part-time students).

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Sept. 5, Tues.	LEC	→	Lectures begin in programs in Agricultural and Environmental Sciences, Arts, Continuing Education (all credit courses), Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, and Science.
	NOTE	EDUC	Education students should consult the appropriate Faculty of Education Advising material for details regarding Field Experience courses. Please be aware that a number of placements end later than the last day of lectures in the Fall term.
Sept. 5, 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. 5, Tues.	ORIENT	P&OT	Orientation for 1 st , 2 nd and 3 rd year Physical and Occupational Therapy students.
Sept. 5, Tues.	AWRD	GRAD	Start of external and internal graduate fellowship competitions for 2007-2008 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. 5, Tues. to Sept. 8, Fri.	AUD	MUS	Auditions for students wishing to take Music Ensemble courses.
Sept. 5, Tues. to Sept. 15, Fri.	REG	MUS	Music (practical lessons) Course Change period in Fall term courses. Submit course change form to Performance Department. (No withdrawals from practical lessons after this period.)
Sept. 6, Wed.	LEC	BSW	Lectures begin for B.S.W. students.
Sept. 6, Wed.	STAGE	MSW	M.S.W. Field Practice commences.
Sept. 6, Wed. to Sept. 19, Tues.	REG	ALL	Late registration period with \$100 late registration fee for all faculties; \$40 for Special students and Graduate part-time students (\$25 late registration fee for Continuing Education students).
Sept. 7, Thurs.	ORIENT	POSTDOC	University Orientation for new postdoctoral scholars in Thomson House, 3650 McTavish Street, 5:00 p.m. - 6:00 p.m.
Sept. 11, Mon. to Sept. 15, Fri.	PREXAM	MUS	Practical Examinations for Summer graduands in Music.
Sept. 15, Fri.	EXCH	→	Deadline for incoming undergraduate exchange applications form bilateral partners with a Winter term (January) start. Please note that the Schulich School of Music and the Faculty of Law have earlier deadlines.
Sept. 18, Mon.	LEC	CE	Lectures begin in Special Intensive English, Special Intensive French and General Studies non-credit courses at Continuing Education.
Sept. 19, Tues.	W	→	Deadline for Web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in Summer 2006 (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 19 (with full refund for the Fall term) by contacting their faculty Student Affairs Office.
Sept. 19, Tues.	REG	→	Course Change (drop/add) deadline for Fall term and first part of multi-term courses starting in September 2006 for Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music (except practical lessons), Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science. (No withdrawals from Music Ensembles after this date.)
Sept. 22, Fri.	AWRD	GRAD	Returning Master's and Doctoral level students should enquire of their departments or the GPSO (Graduate Fellowships and Awards) regarding precise deadlines for internal and external fellowship competitions; important deadlines normally fall during the months of October and November.
Sept. 24, Sun.	W	CE	Deadline to Web withdraw (grade of "W") with refund from Continuing Education <i>credit</i> courses (\$20 fee).
Sept. 24, Sun.	W/W--	ALL	Deadline to Web withdraw (grade of "W") with full refund (less \$100 minimum charge for returning students; less deposit or \$100 minimum charge for new students, in case of complete withdrawal from the University).

CALENDAR OF DATES (SEPTEMBER – NOVEMBER, 2006)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Sept. 30, Sat.	APP	DENT	Deadline for applications to the Oral and Maxillofacial Residency Program and the MDT Residency Program.
October 2006			
Oct. 2, Mon.	APP	LAW	Deadline for Law Quebec Bar applicants for Winter term 2007.
Oct. 2, Mon.	APP	CE	Application deadline for Winter admission to Continuing Education Programs.
Oct. 2, Mon.	THES	GRAD	Deadline for submission of doctoral theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to graduate in February 2007. Meeting this deadline does not guarantee a Winter graduation.
Oct. 2, Mon. to Oct. 6, Fri.	VERIF	→	Verification period via Minerva for all students in all faculties except Faculty of Law; via printed form for Faculty of Law. It is especially critical that graduating students verify their records.
Oct. 2, Mon. to Oct. 7, Sat.	STAGE	FMT	Farm Practice 1 in Farm Management and Technology Program.
Oct. 4, Wed.	EXCH	→	2 nd Annual McGill Exchange Fair.
Oct. 9, Mon.	HOLIDAY	→	THANKSGIVING DAY. (Classes cancelled). Administrative offices closed. Continuing Education evening classes will be re-scheduled. All lectures, labs, conferences, etc. that were not held on Monday, October 9, 2006 because of Thanksgiving Day have been rescheduled to Tuesday, October 10, 2006.
Oct.10, Tues.	NOTE	ALL	October 10th does not follow the normal schedule. All lectures, labs, conferences, etc. that were not held on Monday, October 9, 2006 because of Thanksgiving Day have been rescheduled to Tuesday, October 10, 2006.
Oct. 16, 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 2007. Meeting this deadline does not guarantee a Winter graduation.
Oct. 16, Mon.	FORMS	ED	Deadline to submit Placement Form for Winter term 4 th year Field Experience to the Office of Student Teaching.
Oct. 17, Tues.	AWRD	A&ES	Scholastic Awards Reception and Presentation, Faculty of Agricultural and Environmental Sciences.
Oct. 19, Thurs. to Oct. 22, Sun.	EVENT	ALL	Homecoming 2006 (including Macdonald Campus Centenary activities).
Oct. 21, Sat.	EVENT	A&ES	Macdonald Centenary Homecoming.
Oct. 22, Sun.	W	→	Deadline for Web withdrawing (grade of "W") from Fall term courses and Continuing Education Fall term courses (with no refund) 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 or from ensembles or practical lessons in Music.)
November 2006			
Nov. 1, Wed.	APP	REL	Application deadline for Winter admission to Faculty of Religious Studies, BTh Program.
Nov. 1, Wed.	APP	NURS	Application deadline for Winter admission to School of Nursing for 3 year Bachelor of Nursing Program and Bachelor of Science (Nursing) program.
Nov. 1, Wed.	APP	→	Application deadline for Winter admission to undergraduate programs. Verify which programs are open before applying. See www.mcgill.ca/applying/january for details.
Nov. 1, Wed.	IFT	→	Application deadline for Winter term 2007 inter-faculty transfers except Faculty of Agricultural and Environmental Sciences.
	NOTE	→	The faculties of Arts, Education, Management, Science and certain programs in Engineering (see Website www.mcgill.ca/engineering/newstudents/admission for details on programs open for January admission), do not accept Winter term inter-faculty transfers. Also, please contact the Schulich School of Music to determine which of their programs accept Winter term inter-faculty transfers.
Nov. 1, Wed.	REG	CE	Registration using Minerva for Winter courses and programs for returning students in Continuing Education.
Nov. 3, Fri.	LEC	P&OT	Last day of lectures for 3 rd year students in Physical and Occupational Therapy.
Nov. 6, Mon. to Nov. 10, Fri.	EXAM	P&OT	Fall examination period for 3 rd year Physical and Occupational Therapy students.
Nov. 7, Tues.	REG	CE	Registration using Minerva for Winter courses and programs for newly admitted students in Continuing Education.
Nov. 10, Fri.	EXCH	LAW	Deadline for students in the Faculty of Law to apply for faculty approval to participate in an exchange program during the 2007-2008 academic year.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Nov. 10, Fri.	CONV	ALL	10:00 Fall Convocation 14:30 Fall Convocation
Nov. 13, Mon. to Dec. 15, Fri.	STAGE	P&OT	Clinical Affiliation for 3 rd year Physical and Occupational Therapy students.
Nov. 14, Tues.	REG	CE	Registration using Minerva for Winter courses and programs for returning Continuing Education Special students.
Nov. 15, Wed.	APP	DENT	Deadline for applications for Admission to Dentistry for all out-of-province and International students.
Nov. 15, Wed.	APP	MED	Deadline for applications for admission to M.D.,C.M. for all international and out-of-province of Quebec students; deadline for M.D., MBA and M.D., PHD applications.
Nov. 16, Thurs. to Dec. 6, Wed.	INFO	→	MOLE Evaluation period for Fall term: McGill Online Evaluations available for completion on Minerva.
December 2006			
Dec. 1, Fri.	IFT	A&ES	Application deadline for Winter term 2007 inter-faculty transfers for the Faculty of Agricultural and Environmental Sciences.
Dec. 1, Fri.	REG	MBA	Winter term registration period for all new M.B.A. part-time students.
Dec. 4, Mon.	INFO	→	Deadline for all Undergraduate students and Graduate students in all non-thesis programs (certificates, diplomas [excluding Continuing Education] or master's non-thesis) who expect to complete their program requirements at the end of the Fall 2006 term (February 2007 graduation) to apply to graduate on Minerva.
Dec. 5, Tues.	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 Fall 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.
Dec. 5, Tues.	LEC	→	Last day of lectures for courses in Agricultural and Environmental Sciences, Arts, Continuing Education, Education (except for 1 st year students in Kind & Elem & Sec programs), Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (1 st & 2 nd year), Religious Studies, Science and Social Work (B.S.W and M.S.W.).
Dec. 5, Tues. to Jan. 3, Wed.	REG	→	Winter term registration period for new students in Agricultural and Environmental Sciences, Arts, Education, Engineering including Architecture, Graduate Studies, Management, Music, Nursing, Religious Studies, Science, and Social Work. Individual faculties and departments set their own dates within this period.
Dec. 6, Wed.	INFO	→	Study Day.
Dec. 6, Wed.	EVENT	MED	Faculty of Medicine White Coat Ceremony (2 nd year students).
Dec. 7, Thurs. to Dec. 22, Fri.	EXAM	→	Examination period for Fall term courses, 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 (1 st and 2 nd year), Religious Studies, Science, and Social Work (B.S.W.).
Dec. 8, Fri.	STAGE	BSW/ MSW	Last day of B.S.W. and M.S.W. Field Practice.
Dec. 8, Fri.	STAGE	EDUC	Last day of 3 rd and 4 th year field exp. in many B.Ed. programs.
Dec. 12, Tues.	LEC	FMT	Last day of lectures for Fall term, Farm Management and Technology program.
Dec. 13, Wed. to Dec. 21, Thurs.	EXAM	FMT	Fall term examination period for Farm Management and Technology program.
Dec. 15, Fri.	APP	MUS	Deadline for applications for admission to the Schulich School of Music for all graduate programs.
Dec. 15, Fri.	REG	→	Registration begins for Winter term Continuing Education courses via Minerva for all faculties except Dentistry, Law, Management, Medicine and Physical and Occupational Therapy.
Dec. 15, Fri.	LEC	DENT	Last day of Fall term for 3 rd and 4 th year students in Dentistry.
Dec. 18, Wed.	LEC	DENT/ MED	Last day of Fall term (exam day) for 2 nd year students in Dentistry and Medicine.
Dec. 21, Thurs.	STAGE	D &HN	Last day for NUTR 510, Professional Practice—Stage 4 (Dietetics).

CALENDAR OF DATES (DECEMBER 2006 – JANUARY 2007)

DATE	ACTIVITY CODE	FACULTY/ SCHOOL	ACTIVITY
Dec. 21, Thurs.	LEC	DENT/ MED	Last day of Fall term (exam day) for 1 st year students in Dentistry and Medicine.
Dec. 25, Mon. to Jan. 2, Tues.	HOLIDAY	→	CHRISTMAS AND NEW YEAR'S. Administrative offices will be closed between December 23 and January 2 inclusive. Library hours available at Reference Desks.
Dec. 31, Sun.	REG	ALL	Deadline for cancellation of registration for the Winter term except Continuing Education. (Deposit is non-refundable for new students.)
Dec. 31, Sun.	APP	ALL	Deadline to request deferral of Winter term admission to McGill for all undergraduate faculties (excluding Medicine, Dentistry, Law and Music).
January 2007			
Jan. 1, Mon. to Jan. 2, Tues.	HOLIDAY	→	NEW YEAR'S. Administrative offices will be closed. Library hours available at Reference Desks.
Jan. 3, Wed.	ADV	→	Academic advising for new students in Arts and Science, and Management.
Jan. 3, Wed.	ORIENT/ ADV	ENG	Orientation and academic advising for new students in Engineering. (See Welcome Book and Website www.mcgill.ca/engineering for details).
Jan. 3, Wed.	ADV	A&ES	Academic advising for new students in the Faculty of Agricultural and Environmental Sciences. (See "The Essential Guide for New Students" Booklet and Website www.mcgill.ca/madonald for details).
Jan. 3, Wed.	ORIENT	NURS	Orientation for new students in Nursing. (See Welcome Book and Website: www.nursing.mcgill.ca for details).
Jan. 3, Wed.	REG	ALL	Deadline for new students to register for Winter term without a late registration fee for all faculties.
Jan. 3, Wed.	REG	CE	Deadline for students to register for Continuing Education courses without a late registration fee.
Jan. 3, Wed.	LEC	BSW	Lectures begin for B.S.W. students.
Jan. 3, Wed.	STAGE	MSW	Field Practice resumes for M.S.W. students.
Jan. 3, Wed.	ORIENT	NEW	University Orientation for new undergraduate students (5:00 p.m. - 6:00 p.m., in Moyses Hall).
Jan. 3, Wed.	LEC	→	Winter term lectures begin in Agricultural and Environmental Sciences (including Farm Management and Technology program), Arts, credit courses and non-credit language courses at Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (1 st and 2 nd year students), Religious Studies, Science, Dentistry (all programs) and Medicine students (1 st and 2 nd year students).
	NOTE	EDUC	Education students should consult the Faculty Website, www.mcgill.ca/edu-sao for details regarding Field Experience courses. Please be aware that a number of placements end later than the last day of lectures in the Winter term.
Jan. 3, Wed. & Jan. 4, Thurs.	AUD	MUS	Auditions for students wishing to take Music Ensemble courses.
Jan. 3, Wed. to Jan. 12, Fri.	ADV	ENG	Compulsory academic advising and course approval required for ALL returning Engineering students. (First two weeks of classes).
Jan. 3, Wed. to Jan. 19, Fri.	ORIENT	NEW	First-Year Resource Room opens daily (9:00 a.m. to 5:00 p.m.) Brown Student Services Building, Room 2007, 3600 McTavish Street.
Jan. 3, Wed. to Feb. 6, Tues.	STAGE	P&OT	Clinical Affiliation for 3 rd year Physical and Occupational Therapy students.
Jan. 4, Thurs.	STAGE	BSW	Field Practice resumes for B.S.W. students.
Jan. 4, Thurs.	LEC	MSW	Lectures begin for M.S.W. students.
Jan. 4, Thurs.	ORIENT	A&ES	Faculty Orientation and Macdonald Centenary Overview for new undergraduate and graduate students in the Faculty of Agricultural and Environmental Sciences (5:30 p.m. - 6:30 p.m.), Ceilidh Centennial Center.
Jan. 4, Thurs. to Jan. 16, Tues.	REG	NEW	Late registration for new students with \$100 late registration fee for all faculties; \$40 for Special students and Graduate part-time students. (\$25 late registration fee for Continuing Education students).
Jan. 8, Mon.	LEC	CE	Lectures begin in non-credit General Studies courses at Continuing Education.
Jan. 9, Tues.	ORIENT	GRAD	University Orientation for new graduate students (5:00 p.m. - 6:00 p.m., Ballroom in Thomson House).
Jan. 11, Thurs.	ORIENT	POSTDOC	University Orientation for new postdoctoral scholars (5:00 p.m. - 6:00 p.m., Ballroom in Thomson House).

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Jan. 12, Fri.	REG	MUS	Music (practical lessons) deadline for dropping Winter term courses. (Submit course change form to Performance Department. No withdrawals from practical lessons after this date.)
Jan. 15, Mon.	IFT	MUS	Music application deadline for Fall term 2007 inter-faculty transfers.
Jan. 15, Mon.	DEF	→	Application deadline for deferred examinations for courses from the Fall term 2006 in Agricultural and Environmental Sciences, Arts (including School of Social Work), Education, Engineering (UO courses only), Nursing and Science. (For details, see the Faculty Regulations in the Arts and Science sections of the UG Calendar.)
Jan. 15, Mon.	LEC	CE	Lectures begin in Special Intensive English and French at Continuing Education.
Jan. 15, Mon.	APP	MUS	Deadline for applications for admission to the Schulich School of Music for all undergraduate applicants.
Jan. 15, Mon.	APP	DENT	Deadline for applications for Admission to Dentistry for all in-province applicants.
Jan. 15, Mon.	APP	MED	Deadline for application to M.D.,C.M. 4-year program for Quebec applicants.
Jan. 15, Mon.	APP	LAW	Deadline for non-CEGEP Law applications into 1 st year and Advanced Standing Applicants.
Jan. 15, Mon. to Jan. 31, Wed.	APP	→	Deadline for McGill students to obtain approval from their Faculty to participate in a student exchange in Fall 2007 and/or Winter 2008 term. Students must verify specific Faculty deadlines with their Faculty Student Affairs Office.
Jan. 16, Tues.	EXCH	MGMT	Deadline for students in the Faculty of Management to apply for faculty approval to participate in an exchange program during the 2007-2008 academic year.
Jan. 16, Tues.	REG	GRAD	Final Course Add/Drop deadline for Winter term courses and N1/N2 courses in Graduate Studies. After this date students receive a mark of "W" (withdrawn).
Jan. 16, Tues.	W	→	Deadline for Web withdrawing (grade of "W") from multi-term courses that started in September 2006 (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).
Jan. 16, Tues.	REG	ALL	Course Change (drop/add) deadline for Winter term courses and Continuing Education Winter term courses for Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Law, Management, Music (except practical lessons), Nursing, Physical and Occupational Therapy, Religious Studies, Science and Social Work. (No withdrawals from Music Ensembles after this date.)
Jan. 22, Mon. to Jan. 27, Sat.	EVENT	A&ES	Carnival Week at Macdonald Campus. Classes as usual.
Jan. 21, Sun.	W/W--	→	Deadline to Web withdraw (grade of "W") from Winter term courses with fee refund. Returning students - less \$100 minimum charge in the case of complete withdrawal for students not registered in the fall. New students - less deposit or \$100 minimum charge in case of complete withdrawal. (No withdrawals from Ed. intensive courses, or music ensembles and practical lessons.)
Jan. 21, Sun.	W	CE	Deadline to Web withdraw (grade of "W") with refund from Continuing Education <i>credit</i> courses (\$20 fee).
Jan. 22, Mon.	EXCH	→	Deadline for students to apply for faculty approval to participate in an exchange program during the 2007-2008 academic year. Please note that the Faculty of Law and the Desautels Faculty of Management have earlier deadlines.
Jan. 29, Mon.	APP	MGMT/SCI	Application deadline for Science students applying to the Minors in Management and Technological Entrepreneurship (Management Student Affairs Office).
Jan. 29, Mon. to Feb. 2, Fri.	VERIF	→	Verification period via Minerva for all students in all faculties except Faculty of Law; via printed form for Faculty of Law. It is especially critical that graduating students verify their records.
Jan. 31, Wed.	ORIENT	D & HN	Campus orientation for NUTR 409, Stage in Dietetics Level 3 (afternoon session).
February 2007			
Feb. 1, Thurs.	APP	CE	Application deadline for Spring admission to Continuing Education Programs.

CALENDAR OF DATES (FEBRUARY – MARCH, 2007)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Feb. 1, Thurs.	APP	MSW/PHD	Application deadline for Fall 2007 admission to the MSW and PhD programs.
Feb. 1, Thurs.	EXCH	→	Deadline for graduate students to apply for approval from the Graduate and Postgraduate Studies Office to participate in an exchange program during the 2007-2008 academic year.
Feb. 1, Thurs. to Feb. 4, Sun.	BREAK	D & HN	Study break for NUTR 409, Stage in Dietetics Level 3.
Feb. 5, Mon.	EXCH	→	Application deadline at the Office of Student Exchanges and Study Abroad for McGill students wishing to participate in a student exchange in Fall 2007 and/or Winter 2008 term. Applications must include all supporting Faculty approval documentation at the time of submission.
Feb. 5, Mon.	THES	GRAD	Deadline to submit doctoral theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Spring 2007. Meeting this deadline does not guarantee a Spring graduation.
Feb. 5, Mon.	STAGE	D & HN	Site orientation for NUTR 409, Stage in Dietetics Level 3.
Feb. 7, Wed.	LEC	P&OT	Winter term lectures begin for 3 rd year Physical and Occupational Therapy students.
Feb. 8, Thurs.	EVENT	A&ES	Macdonald College Founder's Day and Centenary celebration and activities. (Sir William C. Macdonald born Feb. 10, 1831; died June 9, 1917). Classes cancelled 10:00 a.m. to 1:00 p.m.
Feb. 8, Thurs.	REG	ED	Registration for Summer Field Experience courses for B.Ed. students begins.
Feb. 8, Thurs.	FORMS	ED	Deadline to submit Placement Forms to the Office of Student Teaching.
Feb. 15, Thurs.	APP	DENT	Deadline for applications for admission to Dentistry for all in-province applications.
Feb. 17, Sat. to Feb. 25, Sun.	AUD	MUS	Entrance Auditions for all undergraduate and M. Mus. (Performance) and D. Mus. (Performance) applicants.
Feb. 18, Sun.	W	→	Deadline for Web withdrawing (with no refund) (grade of "W") from Winter and Winter term Cont. Ed courses for 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 ensembles or practical lessons in Music).
Feb. 18, Sun. to Feb. 24, Sat.	BREAK	→	STUDY BREAK (Classes cancelled for all faculties except Dentistry, Medicine, Continuing Education non-credit courses and English & French credit courses, Stage in Dietetics Level 3). Study break for 2 nd and 3 rd year Physical and Occupational Therapy students.
	NOTE	EDUC	Student Teaching is not interrupted for Education students.
Feb. 19, Mon.	THES	GRAD	Deadline to submit Master's theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Spring 2007. Meeting this deadline does not guarantee a Spring graduation.
Feb. 19, Mon. to Feb. 24, Sat.	STAGE	FMT	Farm Practice/Stage for Farm Management and Technology Program years 1 and 2.
Feb. 21, Wed. to Feb. 23, Fri.	BREAK	P&OT	Study Break for 1 st year Physical and Occupational Therapy students.
March 2007			
Mar. 1, Thurs.	APP	LAW	Deadline for applications for admission to Law for students applying from a Quebec CEGEP, from French Baccalaureate Programmes and for Law Visiting Applicants.
Mar. 1, Thurs.	APP	GRAD	Deadline for applications for September admission to most departments for Graduate Studies. (Many departments have earlier deadlines. Please verify this date with the individual department or on the Web at www.mcgill.ca/applying/graduate .)
Mar. 1, Thurs.	APP	MED	Deadline for application to Medical Prep. program for Quebec residents.
Mar. 1, Thurs.	APP	DENT	Deadline for application for admission to Dentistry for all GEGEP applicants (Dental Prep.).
Mar. 1, Thurs.	SUPP	→	Application deadline for supplemental examinations in Fall term courses and N1/N2 courses from the Fall term 2006 for Arts, Education, Nursing, Religious Studies, Social Work, and Science (not available for Agricultural and Environmental Sciences, Engineering (except freshman courses) or Management courses).
Mar. 2, Fri.	LEC	P&OT	Last day of lectures for 1 st year Physical and Occupational Therapy students.
Mar. 5, Mon. to Mar. 16, Fri.	EXAM	P&OT	Winter examination period for 1 st year Physical and Occupational Therapy students.
Mar. 12, Mon.	ADV	ART/SCI	Academic advising begins for returning students in Arts and Science.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Mar. 12, Mon.	ADV	A&ES	Academic advising begins for all returning undergraduate and Farm Management and Technology students in the Faculty of Agricultural and Environmental Sciences.
Mar. 12, Mon. & Mar. 13, Tues.	ADV	ENG	Distribution of all registration information and calendars for returning Engineering students in the Student Affairs Office, Room 378, Macdonald Engineering Building.
Mar. 12, Mon. to Mar. 14, Wed.	ADV	MUS	Distribution of registration information and calendars for returning students in the lobby of the Strathcona Music Building.
Mar. 12, Mon. to Mar. 16, Fri.	ADV	ART/SCI/ BSW	Distribution of calendars for returning Arts and Science students in the corridor of the Leacock Building.
Mar. 12, Mon. to Mar. 16, Fri.	ADV	MGMT	Distribution of all registration information and calendars for returning Management students.
Mar. 12, Mon. to Mar. 16, Fri.	ADV	REL	Distribution of calendars for returning BTh students, BIRKS Building, Room 113.
Mar. 12, Mon. to Mar. 22, Thurs.	ADV	EDUC	Academic advising and distribution of material for returning students in Education. Please consult the Student Affairs Website at www.mcgill.ca/edu-sao/ for details.
Mar. 15, Thurs. to Apr. 12, Thurs.	ADV	MUS	Academic advising for returning students in Music. Appointments to be arranged by individual departments.
TBA	ADV	P&OT	Registration counselling in Physical and Occupational Therapy for returning students.
TBA	ADV	NURS	Academic advising for U2 Bachelor of Science (Nursing) students entering U3.
Mar. 16, Fri.	EXAM	A&ES	Deadline to report all exam conflicts to the Student Affairs Office (Laird Hall, Room 106) for Winter term exams.
Mar. 19, Mon. to Apr. 27, Fri.	STAGE	P&OT	Clinical Affiliation for 1 st year Physical and Occupational Therapy students.
Mar. 30, Fri.	FORM	EDUC	Deadline to submit waiver forms for Teacher Certification for Spring and Fall graduates to the Student Affairs Office.
Mar. 30, Fri.	FORM	EDUC	Placement forms due at the Office of Student Teaching for 3 rd year Field Experience courses for returning students for 2007-2008.
Mar. 30, Fri.	LEC	DENT	Last day of lectures for Winter term for 4 th year Dentistry students.
April 2007			
Apr. 2, Mon. to Apr. 20, Fri.	EXAM	DENT	Examination period for 4 th year Dentistry students.
Apr. 6, Fri. and Apr. 9, Mon.	HOLIDAY	→	EASTER. No classes or exams. Administrative offices closed. Library hours to be announced.
Apr. 11, Wed.	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 2007 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. 11, Wed.	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.
	NOTE	→	The last week of classes in the Winter term does not follow the normal schedule. All lectures, labs, conferences, etc. that were not held on Monday, April 9, 2007 because of Easter Monday have been rescheduled to Wednesday, April 11, 2007.
Apr. 13, Fri.	STAGE	BSW/MSW	Last day of Field Practice for B.S.W. (U2 & U3) students & for M.S.W students.
Apr. 13, Fri. to Apr. 30, Mon.	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, Science, and Social Work. <i>Exams begin earlier for Dentistry students. Contact Faculty for specific dates.</i>
Apr. 16, Mon.	LEC	SPBSW	Lectures resume for Special B.S.W. students.
Apr. 18, Wed.	STAGE	D & HN	Last day for NUTR 409, Stage in Dietetics Level 3.
Apr. 19, Thurs.	LEC	FMT	Last day of lectures in the Farm Management and Technology program.

CALENDAR OF DATES (APRIL – JUNE, 2007)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Apr. 20, Fri. to Apr. 27, Fri.	EXAM	FMT	Winter term examination period for Farm Management and Technology program.
Apr. 27, Fri.	IFT	ARCH	Application deadline School of Architecture for Fall term 2007 inter-faculty transfers.
Apr. 30, Mon.	LEC	P&OT	Classes reconvene for 1 st year Physical and Occupational Therapy students - Integration Block.
May 2007			
May 1, Tues.	APP	LAW	Deadline for Law Transfer and Quebec Bar applicants.
May 1, Tues.	APP	REL	Application deadline for Fall admission of International students to Faculty of Religious Studies, BTh Program.
May 1, Tues.	EXCH	→	Deadline for incoming undergraduate exchange applications from bilateral partners with a Fall term (September) start. Please note that the Schulich School of Music has an earlier deadline.
May 1, Tues.	EXCH	LAW	Deadline for incoming undergraduate exchange applications to the Faculty of Law from bilateral partners with a Fall term (September) and Winter term (January) start.
May 1, Tues.	EXCH	→	Deadline for incoming undergraduate exchange applications under the CREPUQ student exchange program with a Fall term (September) start and Winter term (January) start. Please note that the Schulich School of Music has an earlier deadline.
May 1, Tues.	ORIENT	D & HN	Orientation for NUTR 209, Professional Practice Stage 1B (Dietetics) (mid-summer placements).
May 1, Tues.	LEC/ STAGE	NURS	Classes reconvene and clinical courses commence for U1, U2, and U3 Nursing students.
May 1, Tues. & May 2, Wed.	DEF/SUPP	→	Deferred and supplemental examinations for Fall term courses in Arts, Education, Nursing, Physical and Occupational Therapy, Religious Studies, Science, Social Work and Engineering U0 courses.
May 2, Wed. & May 3, Thurs.	DEF	A&ES	Deferred examination in the Faculty of Agricultural and Environmental Sciences for courses ending in the Fall term.
May 4, Fri.	STAGE	D & HN	Orientation for NUTR 311, Stage in Dietetics 2B; placements begin May 7, Monday.
May 15, Tues.	DEF	→	Application deadline for deferred examinations for Winter term and multi-term courses ending in the Winter term 2007 in Agricultural and Environmental Sciences, Arts (including School of Social Work), Education, Engineering (U0 courses only) and Science.
May 15, Tues.	W	→	Deadline for Web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in Winter 2007 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	→	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 12 (with full refund for the Fall term) by contacting their faculty Student Affairs Office.
May 15, Tues.	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 18, Fri.	LEC	P&OT	End of Winter term 2007 for Physical and Occupational Therapy students - Integration Block.
May 21, Mon.	HOLIDAY	→	VICTORIA DAY. (Classes cancelled). Administrative offices closed.
May 22, Tues. to May 31, Thurs.	EXAM	P&OT	Examination period for 1 st year Physical and Occupational Therapy students, Integration Block.
May 28, Mon.	DEF/SUPP	LAW	Law application deadline for deferred and supplemental examinations (Fall term, Winter term and full year courses).
May 30, Wed.	LEC	SPBSW	Last day of lectures for outgoing Special B.S.W. students.
May-June-July-Aug.	STAGE	P&OT	Clinical Affiliations for 2 nd year Physical and Occupational Therapy students.
June 2007			
TBA	CONV	→	2007 Convocations
June 1, Fri.	APP	CE	Application deadline for Fall admission to Continuing Education Programs.
June 1, Fri.	IFT	P&OT	Physical and Occupational Therapy application deadline for Fall term, 2007 inter-faculty transfers.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
June 1, Fri.	IFT	→	Agricultural and Environmental Sciences, Arts, Education, Engineering, Management, Nursing and Science application deadline for Fall term 2007 inter-faculty transfers. This deadline also applies to Continuing Education students wishing to transfer into Management.
June 1, Fri.	PREXAM	MUS	Application deadline for September practical examinations in Music. (Summer graduands only.)
June 1, Fri.	EXAM/STAGE	NURS	Last day of Clinical Placement (including examinations) for U3 Bachelor of Science (Nursing) students.
June 8, Fri.	LEC/EXAM/STAGE	NURS	Last day of lectures, Clinical Placement (including examinations) for U2 Bachelor of Science (Nursing) students.
June 15, Fri.	APP	REL	Deadline for application for Fall admission to Faculty of Religious Studies, BTh Program.
June 15, Fri.	LEC/EXAM/STAGE	NURS	Last day of lectures, clinical Placement (including examinations) for U1 Bachelor of Science (Nursing) students.
June 15, Fri.	STAGE	SPBSW	Last day of Field Practice for outgoing Special B.S.W. students.
June 15, Fri.	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 21, Thurs.	STAGE	D & HN	Last day for NUTR 311, Stage in Dietetics 2B.
June 21, Thurs.	LEC	MED	Last day of lectures for 2 nd year Medicine students.
June 22, Fri.	LEC	DENT	Last day of lectures for 2 nd year Dentistry students.
June 22, Fri.	NOTE	→	Between June 22 and August 17 (inclusive) most administrative offices will be closed each Friday. Students are urged to inquire in advance to ensure the office they wish to contact is open.
June 24, Sun.	HOLIDAY	→	LA FÊTE NATIONALE DU QUÉBEC. Libraries closed.
June 25, Mon.	HOLIDAY	→	Classes cancelled. Administrative offices closed (for La Fête Nationale du Québec).
July 2007			
July 1, Sun.	HOLIDAY	→	CANADA DAY. Libraries closed.
July 2, Mon.	HOLIDAY	→	Classes cancelled. Administrative offices closed (for Canada Day).
July 3, Tues.	STAGE	D & HN	Placements begin for NUTR 209, Professional Practice Stage 1B (Dietetics).
July 4, Wed.	LEC/ EXAM	DENT	Last day of lectures (including examinations) for 2 nd year Dentistry students.
July 12, Thurs.	REG	MUS	Deadline for returning students to submit practical lesson assignment card without a late fee.
July 15, Sun.	SUPP	→	Application deadline for supplemental examinations for courses ending in Winter term 2007 (including multi-term courses ending in Winter term) for Arts, Education, Nursing, Religious Studies, Science, and Social Work (supplemental exams not available for Agricultural and Environmental Sciences, Engineering (except freshman U0 courses) or Management courses).
July 23, Mon.	LEC	MED	Lectures begin for 3 rd year Medicine students (PHP-D).
August 2007			
Aug. 2, Thurs.	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 Summer 2007 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.
Aug. 6, Mon. to Aug. 16, Thurs.	DEF/SUPP	LAW	Deferred and supplemental examinations in Law.
Aug. 21, Tues. & Aug. 22, Wed.	DEF/SUPP	A&ES	Deferred examinations in the Faculty of Agricultural and Environmental Sciences for Winter 2007 courses.
Aug. 22, Wed. & Aug. 23, Thurs.	DEF/SUPP	→	Deferred and supplemental examinations for courses ending in Winter term 2007 (including multi-term courses ending in the Winter term) for Arts, Education, Nursing, Physical and Occupational Therapy, Religious Studies, Science, and Social Work. Including Engineering U0 courses.

2 General University Information and Regulations

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2.1 General Policies and Information

2.1.1 Admission

Admission requirements and applications procedures are outlined in the individual faculty and school sections.

2.1.2 Authorization, Acknowledgement and Consent

When applying for admission to the University, all students acknowledge that they are bound by and undertake to observe the statutes, rules, regulations, and policies in place from time to time at McGill University and the faculty or faculties 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.

2.1.3 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 responsibilities at McGill, it is distributed to new students at the Dean of Students' Orientation Sessions.

The Handbook is also available on the Web at www.mcgill.ca/secretariat/handbooks/student.

For information on harassment policies, see www.mcgill.ca/secretariat/index/h-n.

2.1.4 Policy Concerning Access to Records

Statements of account and all other correspondence are sent directly to students who retain full control as to who has access to their records or accounts. (Officers and members of the University staff may also have access to relevant parts of such records for recognized and legitimate use.) No progress report or any other information is sent to parents and/or sponsors unless specifically requested by the student in writing.

In accordance with the Act Respecting Access to Documents held by Public Bodies and the Protection of Personal Information (the "Access Act") personal information, including transcripts of academic records, may be released only with the authorization of the student. When a student applies to McGill, he/she authorizes the University to release certain personal information (name, address, telephone number, e-mail address, date of birth, program and student status) to the persons and bodies listed below.

The following persons and bodies are included in the authorization:

- a. libraries of other Quebec universities with which McGill established reciprocal borrowing agreement (ID number and bar code may also be disclosed to such libraries)
- b. the Quebec Ministère de l'Éducation, du Loisir et du Sport (MELS), in order to create, validate and/or modify the student's Permanent Code
- c. the appropriate authorities involved with the external or internal funding of the student's fees (financial records may also be disclosed to such authorities)
- d. the Association of Universities and Colleges of Canada
- e. the Association of Registrars of Universities and Colleges of Canada and the Conférence des recteurs et des principaux des universités du Québec, or the member institutions of these organizations, for the purpose of admissions operations and the production of statistics
- f. the school(s) or college(s) which the student attended
- g. students and alumni who have volunteered to speak with admitted students
- h. the Student Associations recognized by McGill University for the category(ies) of students to which the student belongs
- i. the McGill Alumni Association
- j. professional bodies or corporations (e.g., engineers, dentists)
- k. McGill Network and Communications Services for the purposes of listing the student's McGill e-mail address in an on-line e-mail directory.

Students who choose not to authorize the University to disclose personal information to the organizations mentioned above in h, i, j and k must complete and submit an opposition form. The opposition form is available at the Admissions, Recruitment and Registrar's Office.

2.1.5 E-mail Communication

E-mail is one of the official means of communication between McGill University and its students. All students are assigned a Uni-form E-mail Address (UEA). They should view and verify their UEA on Minerva, under the Personal menu. As with all official 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 Services (ICS), visit www.mcgill.ca/ics/tools/email for more information. Please see section 2.12 "Information Technology Resources".

2.1.6 Academic Integrity

Communicating about academic integrity is an essential way to foster it. In submitting work in their courses, students must understand the meaning and consequences of plagiarism and cheating; these are considered to be extremely serious academic offences. Students who have any doubt as to what might be considered plagiarism in preparing an essay or term paper should consult the instructor of the course to obtain appropriate guidelines. There is a student guide to the meaning of plagiarism; students should consult the academic integrity website at www.mcgill.ca/integrity. Strategies to prevent cheating are also provided on the Integrity website. The possession or use of unauthorized materials in any test or examination constitutes cheating. Responses on multiple-choice examinations are normally checked by the exam security computer monitoring program. The program detects pairs of students with unusually similar answer patterns on multiple choice exams. Data generated by the exam security computer monitoring program can be used as admissible evidence either to initiate or corroborate an investigation or a charge of cheating under Section 16 of the Code of Student Conduct and Disciplinary Procedures.

The Code of Student Conduct and Disciplinary Procedures includes sections on plagiarism and cheating. The Code is included in the *Handbook of Student Rights and Responsibilities*, which is available through the academic integrity website or at www.mcgill.ca/secretariat.

2.1.7 Proper Use of Computing Facilities

Students are required to comply with the Code of Conduct for Users of McGill Computing Facilities as approved by the University Senate. The Code is published in the *Handbook of Student Rights and Responsibilities*.

This policy (or code) is also posted on the DP-CIO website at www.mcgill.ca/dp-cio/epolicies.

2.1.8 Non-smoking Policy

Quebec law prohibits smoking in public buildings.

2.1.9 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, Pertussis, Tetanus and Polio and proof of Diphtheria, Tetanus, combined with Component Pertussis Vaccine 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 who develop any contagious disease placing patients at risk must immediately discuss their condition with their supervisor and they may be required to temporarily stop clinical activities. McGill University considers it important for Health Sciences students to fulfill their ethical obligation to patients by taking appropriate measures to minimize the transmission of disease.

Students will receive details of the immunization requirements with their acceptance package. Immunizations can be completed at McGill Student Health Services which operates during the summer.

2.1.10 Health Insurance – International Students

By Senate regulation, all students (full-time, part-time, special, exchange and visiting) and their accompanying dependants who do not have Canadian citizenship or Permanent Resident status must participate in the University's compulsory sickness and accident plan. For enrolment procedures and details on the health insurance plan, students should consult the International Student Services website. For information concerning rates, see section 2.4.6 "Other Fees".

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

Health Insurance Telephone: (514) 398-6012

E-mail: international.health@mcgill.ca

Website: www.mcgill.ca/internationalstudents/health

2.1.11 Health Insurance – Canadian Residents

Canadian students from outside the province of Quebec should check with their own provincial medicare office to ensure the validity of their health coverage while studying at McGill.

Canadian students who have been living abroad may not be eligible for provincial health insurance coverage. To ensure ade-

quate health insurance coverage, you may enroll in the group plan offered through International Student Services.

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

2.1.12 Special Medical Needs

Students who have particular medical needs are requested to have their physician submit appropriate information on a confidential basis to the Student Health Service; see section 2.10 "Student Services".

2.1.13 Minerva

Minerva is McGill's Web-based information system serving students, staff and faculty. Students view class schedules, including course descriptions and spaces available in course sections, register and make course changes using Minerva at www.mcgill.ca/minerva. Some of the other options available to students on Minerva include viewing their unofficial transcript and degree evaluation reports; viewing their Permanent Code, citizenship and Quebec residency status and fee information; updating their personal information such as address, telephone number and emergency contacts; for some faculties, changing their major or minor; applying to graduate and viewing their graduation status; viewing their McGill log-in information to access the Internet and e-mail; ordering official transcripts; retrieving tax receipts; submitting an on-line course evaluation; applying to McGill and viewing their application status.

2.1.14 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-based version). Some programs require higher or lower scores.

McGill Certificate of Proficiency in English

For further information about the program contact the Department of Languages and Translation, Centre for Continuing Education, 688 Sherbrooke St. W., Suite 1199, Montreal, Quebec, H3A 3R1. Telephone: (514) 398-6160. E-mail: info.conted@mcgill.ca Website: www.mcgill.ca/conted

International English Language Testing System (IELTS)

A band score of 6.5 or better.

University of Michigan English Language Test (MELAB)

A minimum mark of 85%.

APIEL (Advanced Placement International English Language)

A minimum score of 4.

2.1.15 Language Policy

The main language of instruction at McGill is English. 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 this Calendar and in the Summer Studies and Continuing Education Calendars.

2.2 Personal Information

2.2.1 Updating Personal Information

It is important that all students keep their official records up to date, especially their mailing or student billing address as these are used by the University year round. If all addresses on file are invalid or incomplete, a student's mail will be held. Once the addresses are updated, future mail will be sent.

Students must update their addresses and/or telephone number and emergency contact information using Minerva.

Students who are away from campus and do not have access to the Internet may make the changes by writing to their Student Affairs Office or to the Admissions, Recruitment and Registrar's Office. A written request must include the student's signature.

Changes requiring verification of official documents, e.g., change of name or citizenship or correction of birth date, must be reported to the Admissions, Recruitment and Registrar's Office as soon as possible. Such changes can only be made in person.

2.2.2 Immigration Information

UNLESS their studies at McGill will be completed in less than six (6) months, all students, other than Canadian citizens and Permanent Residents of Canada, must obtain proper authorization from both Quebec and Canadian Immigration officials prior to proceeding to Canada and/or commencing studies. The process begins with a Letter of Acceptance from McGill University.

Details on Canadian immigration regulations may be obtained from the closest Canadian Visa Service (CVS) of Immigration Canada.

In addition, International Student Services prepares a "Getting Started" pamphlet along with a detailed Handbook for international students, which is sent to all accepted applicants. The Handbook is also available on the Web.

For further information, please contact:

International Student Services, Brown Student Services Building, 3600 McTavish Street, Suite 3215, Montreal, QC H3A 1Y2
Telephone: (514) 398-4349

Website: www.mcgill.ca/stuser/iss

E-mail: international.students@mcgill.ca

2.2.3 Legal Documents

2.2.3.1 Why Do We Collect Legal Documents from You?

Your **tuition fees** at McGill will vary according to whether you are a Canadian citizen or permanent resident, a Quebec resident, or international student. Fee schedules are listed in section 2.4 "Fees".

Some of the documents we ask from you help us obtain your **Permanent Code** from the government of Quebec. This code is obligatory, and is needed to comply with government legislation. The consequences of a missing Permanent Code are severe for the university, as the government funding for that student will be withheld. Furthermore, the university is subject to an annual audit by the Ministry to ensure that our document collection process is accurate.

If you have previously attended school in Quebec you already possess a Permanent Code - you can see it on your school report card or your CEGEP or university transcript. Students can also check if McGill has received their Permanent Code after they have accepted the University's offer of admission on Minerva under the Personal menu.

Students can consult their citizenship and Quebec residency status on Minerva. Select Student Menu -> Student Accounts Menu -> View Your Citizenship and Quebec Residency Status.

2.2.3.2 What Documents Do We Need from You?

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

Canadian Citizens and Permanent Residents

You have applied to McGill from CEGEP or a Quebec University or you already have a student record at McGill	<ul style="list-style-type: none"> Usually no documents are required, unless there is a change or we cannot ascertain your status from these institutions.
You were born in Quebec	<ul style="list-style-type: none"> Quebec birth certificate (note 1 & 5) Permanent Code Data Form (note 2 & 6)
You qualify for Quebec residency status because you: Had residency status in the past and have resided in Quebec for 3 consecutive years in the last 5 years	<ul style="list-style-type: none"> Canadian birth certificate or Canadian citizenship card (both sides) or Certificate of Indian status card or Record of Permanent Resident status (note 3) Permanent Code Data Form (note 2 & 6) Attestation of Residency in Quebec Form (note 6) A copy of your VALID Quebec health insurance card- which may prove your Quebec residency under certain situations
You are a Quebec resident through one of the other situations outlined by the Ministry	<ul style="list-style-type: none"> Canadian birth certificate or Canadian citizenship card (both sides) or Certificate of Indian status card or Record of Permanent Resident status (note 3) Permanent Code Data Form (note 2 & 6) Attestation of Residency in Quebec Form (note 6) Other supporting documents, depending on which situation you checked on the above Attestation of Residency form
You are a resident of another province	<ul style="list-style-type: none"> Canadian birth certificate or Canadian citizenship card (both sides) or Certificate of Indian status card or Record of Permanent Resident status (note 3) Permanent Code Data Form (note 2 & 6)

International Students

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

Note 1: You may alternatively supply your Quebec baptismal certificate if it was issued **prior to January 1, 1994** and clearly

shows where you were born and that your baptism occurred no more than 4 months after your birth.

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

Note 3: Proof of Permanent Resident status can be proved by an IMM 5292 document together with the Permanent Resident card (copy of both sides required). Alternatively, you may provide the IMM 1000 document along with the PR card (copy of both sides required).

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

Note 5: Usually we need your birth certificate to prove your place of birth in Quebec. If you already have a valid MELS Permanent Code, but we are still showing you as being charged Canadian fees, we will accept a Canadian passport that shows our birth place in Quebec as proof that you qualify for Quebec residency.

Note 6: The links to download and print the **Permanent Code Data** and **Attestation of Quebec Residency** forms can be found at www.mcgill.ca/student-records/documents.

Fee Exemptions

Exemptions from International Tuition Fees may be claimed by students in certain categories. As well, both international and non-Quebec Canadian students or permanent residents in certain language programs leading to a degree in French may be eligible for a fee exemption from international or the non-Quebec Canadian rate. Please note that the list of language programs is limited and subject to change by the Ministère de l'Éducation, du Loisir et du Sport. Students, if eligible for one of the exemption categories, are then assessed at the Quebec student rate. A list of categories and the required application forms are available at www.mcgill.ca/student-records/fees/exemption and also at the Admissions, Recruitment and Registrar's Office where the application forms must be submitted. An exemption will not be granted unless the application form is submitted.

2.2.3.3 Have We Received Your Documents?

Quebec/Canadian/International Fees

It usually takes us about a week to receive and record your documents.

- Check your tuition status on **Minerva** student accounts menu: **Student Menu->Student Accounts Menu->View your Citizenship and Quebec Residency Status**.
- Check the phrase: *Fees currently calculated according to rules for...* This will tell you if you are assessed as an international student, Canadian student, or a Quebec student.
- The University has implemented e-billing as of the 2005-2006 academic year. A paper fee statement will no longer be mailed via Canada Post. For more information please refer to the following website: www.mcgill.ca/student-accounts/e-bill.

If you do not agree with the assessment, notify us right away. We cannot accept changes or offer you a lower tuition rate after the last day of classes at the end of the term, as the government does not allow us to amend our files at that point.

Permanent Code

It can take anywhere from one week to four weeks for the Ministry to verify or issue your Permanent Code.

Check your Permanent Code on Minerva: **Personal Menu ->Name Change Form or alternately on the student accounts menu: Student Menu->Student Accounts Menu->View your Citizenship and Quebec Residency Status**. If the Permanent Code number appears there, your documents are in order. If not, you have not yet provided us with your documents listed above or

we have not yet received confirmation from the Ministry that your documents are sufficient for creation of a Permanent Code.

2.2.3.4 What Are the Consequences of Not Providing Your Documents?

All proofs of citizenship, requests for Quebec residency, international fee exemption, and immigration status changes must be received by the end of the last day of classes of a current term to take effect for that term. **All documents received after that date will be updated and lower your fees for the following term only.**

We cannot issue you an ID card without having received your documents. Your ID card is essential to use many services on campus, and to sit for your final exams.

If your Permanent Code has not been issued by October 15 (Fall term) or February 15 (Winter term) we will put a hold on your record, which will prevent you from registering or dropping any courses, and will prevent you from obtaining your official transcript, until our record has been put in order. For students in short programs, this action may be taken earlier in the term.

Any late payment and/or interest charges accumulated during the documentation evaluation period will **not** be waived.

2.2.3.5 Where Do I Send my Documents?

Send in all your documents after you have been accepted to McGill and before you arrive on campus. **Do not send us originals.** Please fax or mail a clear and legible photocopy. Write your McGill ID on the documents so that we can match them to your record. The sooner you submit your documents, the sooner we can update your status and ensure that your record is in order.

By Mail:

Admissions, Recruitment and Registrar's Office
Documentation Centre
688 Sherbrooke Street West, Suite 1460
Montreal, QC H3A 3R1 CANADA

By Fax:

(514) 398-3227

In Person or by Courier:

Admissions, Recruitment and Registrar's Office Service Centre
James Administration Building, Room 205
845 Sherbrooke St. West
Montreal, QC H3A 2T5 CANADA

If there is a problem with your documents, you may contact us at:

Telephone: (514) 398-4474

E-mail: admissions@mcgill.ca

2.2.4 Identification (ID) Cards

Students registered at McGill are required to present an ID card when writing examinations and when using libraries, Student Services, certain laboratories, and many residences.

An ID card cannot be issued until at least 3 hours after the student has registered. When requesting the card, new students must present Permanent Code information and proof of legal status in Canada (for a list of documents please see [section 2.2.3 "Legal Documents"](#)).

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

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

Thursday June 15 to Thursday August 17, 2006, Open 9:00am to 5:00pm (note that we are closed on: Thursday June 22, Thursday June 29, Fridays as of June 19 and weekends), Quebec CEGEP students are encouraged to come during this period to avoid line-ups later in August. <i>No international students can be carded before August 21.</i>	Admissions, Recruitment and Registrar's Office, James Administration Building, Room 205
Thursday, August 3 to Thursday August 17, 2006, Open 9:00 a.m. to 5:00 p.m. (except Fridays and weekends) <i>Canadian and Quebec students are encouraged to come during this period to avoid line-ups later in August. No international students can be carded before August 21.</i>	Admissions, Recruitment and Registrar's Office, James Administration Building, Room 205
Monday August 21 to Friday, September 1st, 2006, Open 9:00 a.m. to 5:00 p.m. including Friday, Saturday and Sunday, August 25-27 <i>All students, including international students</i>	Lorne M. Trottier Building 3630 University Street
Starting Tuesday, September 5, 2006, Normal office hours	Admissions, Recruitment and Registrar's Office, James Administration Building, Room 205

On the Macdonald Campus, newly registered students entering from Quebec CEGEPs, may obtain an ID card from the Student Affairs Office, Room 106, Laird Hall. Office hours are from 9:00 a.m. to 4:00 p.m., Monday through Thursday and 9:00 a.m. to 3:00 p.m. on Friday throughout the Summer. (Please note that the Student Affairs Office will be closed on Thursday, June 22 and Thursday, June 29, followed by the statutory holidays of Friday, June 23rd and Friday, June 30th. The regular Monday through Friday schedule will resume with the week commencing July 3rd.)

ID cards will be issued to new Canadian and Quebec students during the weeks of August 7 - 11, 14 - 18, 21 - 25, in the Student Affairs Office, Room 106, Laird Hall. Those students missing any of the dates noted, will be able to obtain their ID cards during Orientation activities.

Please note that international students may obtain their ID cards as of August 21, 2006.

As of Tuesday, September 5th, 2006, ID cards may be obtained in the Student Affairs Office during normal office hours.

Other notes:

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

The Student Identification Card is the property of the University, is to be used by the cardholder only, and is not transferable. Students withdrawing from all of their courses must attach their ID card to the withdrawal form or return their ID card to the Admissions, Recruitment and Registrar's Office (or the Faculty of

Agricultural and Environmental Sciences Student Affairs Office, Macdonald Campus).

Students who need security access to labs or other facilities should refer to www.mcgill.ca/security/access.

2.2.5 Legal Name

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

1. Canadian birth certificate.
2. Canadian Immigration Record of Landing (IMM1000 or IMM5292 and Permanent Residence card, both sides).
3. Canadian Immigration Study or Work Permit document.
4. Certificate of Acceptance of Quebec (CAQ).
5. International passport (for Canadians, a Canadian citizenship card is acceptable).
6. Letter from the International Students consulate or embassy in Canada.
7. Marriage certificate translated into English or French by a sworn officer.

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

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

2.2.6 Verification of Name

Students should verify the accuracy of their name on McGill's student records via Minerva and make any necessary corrections to formatting, e.g., upper/lower case letters, accents and spacing, using the **Minerva** Name Change Form under the Personal Menu.

Students **cannot** change the name on their record via Minerva. Requests for such changes must be made by presenting official documents (see section 2.2.5 "Legal Name") in person at the Admissions, Recruitment and Registrar's Office.

2.3 Registration / Student Records / Exams

The information contained in this section applies to the University in general, students are advised to consult the appropriate faculty or school section for academic policies and regulations specific to their programs.

2.3.1 Registration

Once students have confirmed their intention to attend McGill on Minerva, they must register during the registration periods listed below by using Minerva, McGill's Web-based information system, to add courses to their record. They may continue to register throughout the registration period by adding and dropping courses until they have finalized their schedule. Registration is performed on-line at www.mcgill.ca/minerva.

Refer also to Registration information in each faculty section.

For fee policies related to registration and withdrawal from courses or withdrawal from the University, please refer to all parts of section 2.4 "Fees".

All M.D.,C.M. students must complete registration for 2006-2007, as per registration periods indicated below, on the web by adding confirmation of registration course on MINERVA in the Fall 2006 term. Based on your addition of this registration course, all courses in the Medicine curriculum for 2006-2007 will be added to your record.

2.3.2 Registration Periods

The dates given below were accurate when this Calendar was published. Although changes are not anticipated, students are

advised to confirm the dates on the Web at www.mcgill.ca/student-records.

Returning Students

Registration will take place between Thursday, March 23 and Tuesday, August 1, 2006.

Registration will be phased in, opening in the following order:

Year 3 and Year 4 students: Thursday, March 23

Year 2 students: Tuesday, March 28

All other returning students: Thursday, March 30

Some faculties and departments set their own schedules for advising and registration within these dates. Further information is distributed from the faculty Student Affairs Offices.

Successful completion of registration is contingent upon acceptable academic standing in the previous session and payment of any previous outstanding fees and fines.

Newly Admitted Students Entering in September 2006

Registration will take place between Thursday, June 15 and Tuesday, September 5.

Registration will be phased in, opening in the following order:

Thursday, June 15, registration opens for students admitted from CEGEPs.

Wednesday, August 2, registration opens for all other new students and continues for students admitted from CEGEPs.

A newly admitted student entering in September 2006 who wishes to register for courses in the Summer of 2006 may do so on Minerva. Please check the Summer Studies calendar for further information or refer to www.mcgill.ca/summer.

Thursday, August 3, registration opens for newly admitted students in the Faculties of Medicine and Dentistry.

Medical students must confirm their registration prior to the Faculty of Medicine mandatory orientation & registration session held on August 15 - 17, 2006, in the McIntyre Medical & Sciences Building, 6th floor lobby.

Newly Admitted Students Entering in January 2007

Registration will take place between Tuesday, December 5, 2006 and Wednesday, January 3, 2007.

Some faculties and departments require that students be advised before registration and set specific dates for advising and registration within these dates. Please refer to the Faculty sections of this Calendar, as well as to the *Welcome to McGill* booklet or the *Essential Guide For New Students, Macdonald Campus*, which are included with the acceptance package.

2.3.2.1 Late Registration

Students who fail to register during the normal registration period may do so within the period designated by the University for late registration. They will be assessed a late registration fee as listed below:

Returning Students: May register late from Wednesday, August 2 until and including Tuesday, September 5 with the payment of a late registration fee of \$50 (\$20 for Special Students).

New and Returning Students (Fall): Students may register late via Minerva from Wednesday, September 6 until Tuesday, September 19 with the payment of a late registration fee of \$100 (\$40 for Special Students).

New and Readmitted Students (Winter): May register late via Minerva from Thursday, January 4 until Tuesday, January 16 with the payment of a late registration fee of \$100 (\$40 for Special Students).

Special Late Registration: Students whose records are not available for registration on-line during the late registration period, usually due to late admission, may receive special permission to register in person. This information is included with their letter of acceptance.

2.3.3 Class Schedule

The Class Schedule for the upcoming Fall and Winter terms normally becomes available in mid-March at www.mcgill.ca/courses. (The Summer term schedule is normally made available in January).

The Class Schedule includes the days and times when courses are offered, class locations, names of instructors, and informational remarks and comments. The calendar entries of scheduled courses can be accessed by clicking on the CRN (course reference number) that appears with each course section shown.

Students should make special note of any pre-registration requirements for a course, such as placement tests, or departmental approval/permission required.

Class Schedule information is subject to change and is updated as courses are added, cancelled, rescheduled or relocated.

It is the responsibility of all students to consult the Class Schedule at the time of registration, and again before classes begin, to ensure that changes have not resulted in conflicts in their schedule.

2.3.4 Course Change Period

During the initial Registration Periods, see [section 2.3.2 "Registration Periods"](#), students may make changes to their course registrations (add or drop courses), subject to the requirements and restrictions of their program and of individual courses.

The Course Change deadline coincides with the deadline for late registration. Please refer to the Calendar of Dates, [section 2, "Calendar Of Dates 2006-07"](#).

Students who drop their last Fall course **after** the end of August or drop their last Winter course **after** the end of December are considered to be withdrawn from the University. They must follow the procedures for readmission.

Students who are registered in the Fall term may continue to add and drop courses that will begin in the Winter term throughout the Fall term until the deadline for course change/late registration in the Winter term.

After the Course Change deadline, courses may be added according to each faculty's regulations and only with written permission of the instructor and the Office of the Associate Dean of the student's faculty. A fee will be charged for each course added.

2.3.5 Regulations Concerning Course Withdrawal

Following the Course Change deadline there is a period of a few days during which students may withdraw, with a grade of W and full refund of course fees, from courses that start in that term.

After the Withdrawal (with refund) deadline, there is a period during which withdrawal from a course will also result in a grade of W but no course fees will be refunded.

Courses that begin in the Fall Term

Deadline for withdrawal (grade of 'W') with refund:
Sunday, September 24, 2006

Deadlines for withdrawal (grade of 'W') without refund:

- Single-term courses: Sunday, October 22, 2006
- Multi-term courses: Tuesday, January 16, 2007

Courses that begin in the Winter Term

Deadline for withdrawal (grade of 'W') with refund: Sunday, January 21, 2007

Deadline for withdrawal (grade of 'W') without refund:

- Single-term courses: Sunday, February 18, 2007
- Multi-term courses: Tuesday, May 15, 2007*

After the withdrawal (without refund) deadline, but before the end of term, the student may, under exceptional circumstances, be granted permission to withdraw from a course. (Permission will not be granted merely because a student is doing unsatisfactory work.) A grade of W or WF, as appropriate, will appear on the transcript but will not be calculated in the GPA. For further information students should consult their faculty Student Affairs Office.

Special Notes for School of Nursing, and School of Physical and Occupational Therapy Withdrawal (W) deadlines dates are listed in the Calendar of Dates, see [section 1 "Calendar of Dates 2006-07"](#).

1. **The health profession programs described in this Calendar are highly structured and students should consult their adviser or Student Affairs Office to determine what course changes, if any, are allowed.**
2. The responsibility for initiating withdrawal rests solely with the student. Neither notification of the course instructor nor discontinuance of class attendance will suffice. The date on which a student's withdrawal is entered on Minerva is the official date of withdrawal, even if the student stopped attending lectures earlier.
3. Fee refunds, if any, will be in accordance with [section 2.4.8 "Fees and Withdrawal from the University"](#).

2.3.6 Regulations Concerning University Withdrawal

Students considering University withdrawal are strongly urged to consult with their adviser and Student Affairs Office before making a final decision.

Student's responsibility

The responsibility for initiating University withdrawal rests solely with the student. Neither notification of the course instructor nor discontinuance of class attendance will suffice. The date on which a student drops or withdraws from all courses on Minerva or the date the request for withdrawal is submitted to the Student Affairs Office is the official date of withdrawal, even if the student stopped attending lectures earlier.

2.3.6.1 Deadlines for University Withdrawal

All students who have accessed Minerva to register must officially withdraw within deadlines if they decide not to attend the term(s) for which they have registered. See Withdrawal (W) deadline dates in the Calendar of Dates. Students who drop their last Fall or Winter course by the end of the add/drop period of that term are considered withdrawn from the University. They must follow the procedures for readmission.

Students who wish to withdraw from the University by the deadlines indicated below must drop or withdraw from all courses on Minerva.

Fall Term:

Deadline for University withdrawal with refund (minus \$100 for returning and \$200 for new students):

Sunday, September 24, 2006

Deadline for University withdrawal without refund:

Sunday, October 22, 2006

Winter Term:

Deadline for University withdrawal with refund (minus \$100 for returning and \$200 for new students):

Sunday, January 21, 2007

Deadline for University withdrawal without refund:

Sunday, February 18, 2007

Students who are blocked from dropping or withdrawing from their last course on Minerva are required to contact their Student Affairs Office. The Student Affairs Office will supply any forms necessary to complete the University withdrawal where the deadline for University **withdrawal has not been passed**.

2.3.6.2 Consequences of University Withdrawal

Fee refunds, if any, for the term in which the student withdraws will be in accordance with [section 2.4.8 "Fees and Withdrawal from the University"](#).

Upon withdrawal, students are required to return their ID card to the University as stated in [section 2.2.4 "Identification \(ID\) Cards"](#).

Students who withdraw from the University and wish to re-register in a subsequent term must follow the procedures for readmission.

Students who withdraw during the Fall term are considered withdrawn from the entire academic year, regardless of whether Winter term courses are dropped. If they wish to return for the Winter term, they must follow the procedures for readmission.

2.3.7 Inter-Faculty Transfer

McGill students who have not graduated and wish to transfer into another undergraduate faculty may now apply using the **Minerva** Faculty Transfer/Readmission Menu, unless otherwise indicated in the table below.

Students must also refer to the Faculty website for faculty-specific rules and to determine what supporting documents must be submitted for their application. To access the Faculty websites and find more information on Faculty Transfers please refer to www.mcgill.ca/student-records/inter-faculty-transfers.

Faculty/School	Notes	Fall Term Application Deadline	Winter Term Application Deadline
Agricultural and Environmental Sciences, Dietetics and Human Nutrition		June 1	December 1
Nursing	For the B.Sc.(N) program only. Students must apply through the Minerva application form and they must follow the instructions on the Nursing Website.	June 1	November 1
Physical and Occupational Therapy	(There is no admission to Physical and Occupational Therapy for the Winter term.)	June 1	
School of Communication Sciences & Disorders		M.Sc.A. Feb. 1 M.Sc. & Ph.D. Feb. 22	M.Sc. & Ph.D. Aug. 1

2.3.8 Quebec Inter-University Transfer Agreement (IUT)

Note: [section 2.3.8](#) applies to the School of Nursing.

The IUT Agreement permits concurrent registration at McGill and another Quebec institution.

2.3.8.1 McGill Students

Regular undergraduate and graduate degree, diploma or certificate candidates registered at McGill may, with the written permission of the Dean of their faculty or delegate, register at any university in the province of Quebec for three (3), or exceptionally six (6), **credits** per term in addition to their registration at McGill. These courses, subject to faculty regulations, will be recognized by McGill for the purpose of the degree for which the student is registered up to the limit imposed by the residency requirements of the program. (Normally, a minimum residency requirement of 60

credits must be completed at McGill in order to qualify for a McGill degree — students should check with their faculty.) This privilege will be granted if there are valid academic reasons.

Students wishing to take advantage of this agreement should consult their Student Affairs Office for details, and are informed that this agreement is subject to the following conditions:

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

Scholarship holders should consult with their Student Affairs Office and the Scholarships Coordinator concerning eligibility for continuation or renewal of their awards.

2.3.8.2 On-line IUT Application — McGill and Visiting IUT Students

Students must initiate an on-line Inter-University Transfer (IUT) application to request the required authorizations. McGill students are advised to access the IUT application via the Web at www.mcgill.ca/student-records/register/iut. Students may also find additional information posted at their faculty Website.

Note: Once the IUT application is approved by both the home and host universities, the student remains responsible for registering in the same course for which they have obtained electronic approval. The method of registration of the host university will vary (e.g., Web, in-person, phone, etc.). The student is advised to initiate the electronic application allowing enough time to meet the host university's registration deadlines. Furthermore, the student is responsible for adhering to all registration deadlines of the host institution.

2.3.9 Course Information and Regulations

2.3.9.1 Course Numbering

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

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

These codes were implemented in September 2002, replacing the three-number Teaching Unit Codes previously used. A complete list of Teaching Unit Codes and their Subject Code equivalents can be found on the Web at www.mcgill.ca/student-records/transcripts.

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

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

Two additional characters (D1, D2, N1, N2, J1, J2, J3) at the end of the seven-character course number identifies multi-term courses.

2.3.9.2 Multi-term Courses

Most courses at McGill are single term (Fall or Winter or Summer) courses with final grades issued and any credits earned recorded at the end of that term. Single term courses are identified by a seven-character course number.

A unit may, however, decide that the material to be presented cannot be divided into single term courses or it is preferable that the work to be done is carried out over two, or three, terms. Under such circumstances, courses are identified by a two-character extension of the course number.

In some cases, the same course may be offered in various ways: as a single term and/or in one or more multi-term versions. The course content and credit weight is equivalent in all modes, the only difference being the scheduling, and students cannot obtain credit for more than one version.

Courses with numbers ending in D1 and D2 are taught in two consecutive terms (most commonly Fall and Winter). Students must register for the same section of both the D1 and D2 components. When registering for a Fall term D1 course on Minerva, the student will automatically be registered for the Winter term D2 portion. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms, e.g., Fall 2005 and Winter 2006.

Courses with numbers ending in N1 and N2 are taught in two non-consecutive terms (Winter and Fall). Students must register for the same section of both the N1 and N2 components. No credit will be given unless both components (N1 and N2) are successfully completed within a twelve (12) month period.

Courses with numbers ending in J1, J2 and J3 are taught over three consecutive terms. Students must register for the same section of all three components (J1, J2, J3). No credit will be given unless all three components are successfully completed.

IMPORTANT CONDITIONS FOR MULTI-TERM COURSES

- 1. Students must be registered for each component of the multi-term course. Students must ensure that they are registered in the same section in each term of the multi-term course.**
- 2. Students must successfully complete each component in sequence as set out in the multi-term course. Credit is granted only at the end of the multi-term course; no credit is given for partial completion.**

2.3.9.3 Course Terminology

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

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

Credits: The credit weight of each course is indicated in parentheses beside the course title. For D1 and D2 courses the credit weight is indicated after the course number. For further information refer to [section 2.5.2 "Credit System"](#).

2.3.10 Course Nomenclature In Program Descriptions

Required Course: Courses absolutely required in a program. All students in that program must take this (these) course(s) unless they are granted exemption(s).

Cours obligatoire: Cours foncièrement obligatoire dans un programme. Tous les étudiants inscrits à ce programme doivent suivre ce (ou ces) cours, à moins de bénéficié d'exemptions.

Complementary Course: Courses selected from a restricted list, a particular subject area, or a discipline. In some programs,

students must include a number of these in order to meet program requirements.

Cours complémentaire: Cours sélectionnés à partir d'une liste limitée, ou de la liste des cours offerts dans une matière particulière ou dans une discipline. Dans certains programmes, les étudiants doivent inclure un certain nombre de ces cours afin de satisfaire aux exigences du programme.

Note: Complementary courses are not electives. The difference between Complementary courses and Required courses is that Complementary courses offer an element of choice, however small that choice may be. Students may choose from the two (or more) courses specified within Complementary Course segment(s) of a program description, but ONLY from those.

Elective course: courses chosen freely (sometimes with advice and approval of the departmental adviser or the Student Affairs Office).

Cours au choix: Cours librement choisis (parfois sur le conseil et avec l'approbation d'un conseiller du département ou le Bureau des affaires étudiantes).

2.4 Fees

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

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

Note: This section relates only to fees for the undergraduate programs listed in this Calendar. Graduate program fee information can be found in the General Information section of the Graduate and Postdoctoral Studies Calendar, or obtained from the unit concerned.

2.4.1 Fee Information Booklet

The *Fee Information* booklet, published in June of each year by the Student Accounts Office, contains additional information as well as any fee adjustments which may have been made after the publication of this Calendar. Students are bound by the policies and procedures contained therein. In the event of any discrepancy, the *Fee Information* booklet supersedes the Calendar.

A copy of the booklet will be sent to all new students. The contents are also available on the Student Accounts website at www.mcgill.ca/student-accounts.

2.4.2 Access to Fee Information

Students can view their Account Summary by Term on Minerva. The Fall 2006 term fees will be accessible as of August 1st.

2.4.3 Tuition Fees (2005-2006 rates)

Tuition fees vary according to the residence and citizenship status of the student. The rates described below only refer to credit activities.

Quebec Students

Tuition fees for Quebec students who are Canadian citizens or Permanent Residents are \$55.61 per credit or \$1,668.30 for 30 credits.

In accordance with provincial government requirements, students must provide proof that they qualify for assessment of fees at the Quebec rate; see [section 2.2.3 "Legal Documents"](#) for details.

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

If proof of status is submitted after a student has been billed, but before the document submission deadline, the tuition supplement will be waived. Any late payment and/or interest charges accumu-

lated during the documentation evaluation period **will not** be waived.

Non-Quebec Students (Canadian or Permanent Resident)

Tuition fees for non-Quebec students who are Canadian citizens or Permanent Residents are \$155.03 per credit or \$4,650.90 for 30 credits.

In accordance with provincial government requirements, students must provide proof that they qualify for assessment of fees at the non-Quebec Canadian rate; see section 2.2.3 “Legal Documents” for details.

Note: Students who do not submit appropriate documentation by the stipulated deadline will be billed at the international rate.

If proof of status is submitted after a student has been billed, but before the document submission deadline, the tuition supplement will be waived. Any late payment and/or interest charges accumulated during the documentation evaluation period **will not** be waived.

International Students

Tuition fees for international students in all undergraduate programs included in this Calendar except Dentistry and Medicine are \$441.00 per credit (\$13,230.00).

The international fees listed in section 2.4.11 “Yearly Fees and Charges by Faculty (2005-2006 rates)” are representative of fees that students could expect to be charged in each degree program.

Exemption from International Tuition Fees may be claimed by students in certain categories. Such students, if eligible, are then assessed at the Quebec student rate.

A list of these categories and the required application forms can be obtained from the Admissions, Recruitment and Registrar's Office. Information is also available on the Web at www.mcgill.ca/students.

2.4.4 Documentation

For information, see section 2.2.3 “Legal Documents”.

2.4.5 Compulsory Fees

2.4.5.1 Student Services Fees

The Student Services fee is overseen by the Senate Committee on the Coordination of Student Services, a committee composed equally of students and University staff. Through the Office of the Dean of Students, these services are available on the Downtown and Macdonald campuses to help students achieve greater academic, physical, and social well-being.

The fee, complemented by revenue from the Quebec government, the University, and the generosity of donors, supports Student Health (including Dental), Mental Health, Counselling and Tutorial, Chaplaincy, Career and Placement, Financial Aid and International Student Services, the Office for Students with Disabilities, First Year Students (including the Francophone Assistant), Off-Campus Housing, and the First Peoples' House. The Office of the Dean of Students also administers the academic integrity process as described in the Handbook of Student Rights and Responsibilities (see www.mcgill.ca/integrity/students).

2.4.5.2 Athletics Fee

The Athletics fee covers athletics faculties, campus recreation (intramurals, fitness and recreation courses, drop-in recreation, etc.), and intercollegiate sports at both the Downtown and Macdonald campuses.

2.4.5.3 Student Society Fees

Student Society fees are compulsory fees collected on behalf of student organizations. Fees must be approved by the student body through fee referenda according to the constitutional rules of the association or society.

Changes to Student Society fees are voted upon by the students during the Fall or Spring referendum periods.

Note: For international students, the student society fee includes the SSMU Dental Insurance plan of \$98.20. International students will be obliged to participate in the University's compulsory International Health Insurance Plan, which at the 2005-06 rate costs \$678 for single coverage. For more information, please contact International Student Services, (514) 398-6012.

2.4.5.4 Registration Charge

The University charges a per credit registration charge to all students in courses and programs. This is assessed as follows: \$6.63 per credit to a maximum of \$99.45 per term.

2.4.5.5 Information Technology Charge

The purpose of the information technology charge is to enhance certain technology services provided to students as well as to provide training and support to students in the use of new technology. The fee is assessed as follows: \$5.95 per credit to a maximum of \$89.25 per term.

2.4.5.6 Transcript Charge

The University charges a per credit transcript charge to all students. This entitles students to order transcripts free of charge and is assessed as follows: \$.60 per credit to a maximum of \$9.00 per term.

2.4.5.7 Copyright Fee

All Quebec universities pay a per credit fee to Copibec (a consortium that protects the interests of authors and editors) for the right to photocopy material protected by copyright. The fee is assessed as follows: \$.63 per credit to a maximum of \$9.45 per term.

2.4.6 Other Fees

International Student Health and Accident Plan (compulsory) Single	\$678
Application for Admission	
All faculties (except Management graduate programs)	\$60
Management Graduate programs	\$100
Reconsideration of Application (excluding Medicine and Dentistry)	\$40
Admission appeals charge (excluding Medicine)	\$100
Late Registration	
<i>After regular registration deadline:</i>	
• All eligible returning students, except Special students and Graduate part-time students.	\$50
• Special students and Graduate part-time students.	\$20
<i>As of the second day of classes</i>	
• All students except Special students and Graduate part-time students.	\$100
• Special students and Graduate part-time and additional session students.	\$40
Late Course Change Fee	\$25
Minimum Charge upon withdrawal	\$100
Re-reading Examination Paper (refundable if the letter grade is increased)	\$35
Supplemental Examinations, each written paper	\$35
Graduation Fee*	\$60
Duplicate ID Card	\$20
Late Payment	\$25
– charged on balances >\$100 as of the end of October (end of February for the Winter term)	
Interest on outstanding balances	
1.3% per month or 15.6% annually	
Returned cheque charge	\$20
Prepayment Fee:	
Dentistry	\$2,000
Pre-Dentistry	\$1,000

Medicine \$500

* Students will be charged a graduation fee in their graduating year according to the following schedule: February graduation - end of November, May graduation - end of February, and October graduation - end of March. Students added to the graduation lists late will be charged accordingly.

Communication Sciences and Disorders Fees

M.Sc.(Applied) program, lab materials \$50
M.Sc.(Applied) ID badge (1st year) \$30

Dentistry - Purchases of Equipment and Materials Fee

In addition to the fees shown on the list of fees for Dentistry, students must purchase certain items of equipment and supplies from the Faculty of Dentistry. The fee also includes an amount for general supplies in the laboratories and clinics.

The estimated cost of these purchases is as follows:

Second Year \$17,000
Third Year \$7,000
Fourth Year \$2,000

Dentistry and Medicine – Microscopes

In order to ensure that each student is adequately equipped for the microscopic work in histology, microbiology and pathology, a binocular microscope is provided for all students in first and second year. A rental fee sufficient to cover maintenance and repairs is charged.

Nursing Fees

Books, Uniform, Stethoscope, etc. \$2,000
Graduate Pins (3rd year) \$50 to \$160
Nursing Explorations – 3 years \$55 to \$75 per year

Physical and Occupational Therapy Fees

Books and Other Equipment \$1,000
Uniforms (Physical Therapy only) \$100
Laboratory Materials \$75

2.4.7 Billings and Due Dates

2.4.7.1 Confirmation of Acceptance Deposit

Students admitted to the University will be required to confirm their acceptance of the offer of admission on www.mcgill.ca/minerva/applicants and pay the required deposit by credit card (Visa or Mastercard) at the time.

Invoicing of Fees

Electronic billing is the official means of delivering fee statements to all McGill University students. The University has replaced printed paper fee statements with a convenient electronic billing system for students to view their account statement on Minerva. All charges to the student's account, including tuition, fees, health insurance and other miscellaneous charges are on your e-bill. E-bills are generally produced in the first few days of the month and an e-mail notification that the e-bill is ready to be viewed on Minerva is sent to the student's official McGill e-mail address. Charges or payments that occur after the statement date will appear on the next month's statement, but may be immediately viewed on the Account Summary by Term on Minerva (this is the on-line dynamic account balance view).

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

Term	Payment Due Date
Fall term	
Returning students	August 30, 2006
Students new to the University in Fall	September 28, 2006
Winter Term	
Returning students	January 5, 2007

Students new to the University in Winter	January 31, 2007
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3rd Party Notification

Students may request a notification of their balance to be sent via email to other persons who may be responsible for payment of the fee invoices. Up to three additional recipients may be identified by adding an alternate Student Billing e-mail address, e.g. their parent's address via Minerva under the "e-Billing and e-Payment" menu.

2.4.8 Fees and Withdrawal from the University

All students who have accessed Minerva to register must officially withdraw in accordance with [section 2.3.5 "Regulations Concerning Course Withdrawal"](#) if they decide not to attend the Term(s) for which they have registered. **Otherwise they will be liable for all applicable tuition and other fees.**

Students who have accessed Minerva and who drop their last course from September 1st through to the withdrawal period with full refund, will be deemed to have withdrawn from the University. They will be automatically charged a minimum charge of \$100 (or their deposit fee, whichever is higher) to cover administrative costs of registration.

Students who discontinue their classes without taking steps to drop their courses will be liable for all applicable tuition and other fees.

2.4.8.1 Fee Refund Deadlines

The deadline dates for course refunds are independent of the deadline dates given for withdrawal from courses.

Fall Term – up to and including September 24:

Returning students – 100%* refund (Less minimum charge of \$100 in the case of complete withdrawal.)

New students – 100%* refund (Less registration deposit or \$100, whichever is higher)

Fall Term – after September 24: No refund.

Winter Term – up to and including January 21:

Returning students – 100%* refund (Less minimum charge of \$100 in the case of complete withdrawal.)

New students – 100%* refund (Less registration deposit or \$100, whichever is higher)

Winter Term – after January 21: No refund.

* Including tuition fees, society and other fees, student services, athletics fee, registration and transcripts charges, and information technology charge.

2.4.9 Other Policies Related to Fees

2.4.9.1 Overdue Accounts

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

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

Interest: Interest is charged on overdue balances at the monthly rate of 1.24%. The rate is evaluated each Spring, at which time it is set for the following academic year.

Late Payment Fee: Students who still have an outstanding balance greater than \$100 on their account as of October 28th and February 28th will be charged a late payment charge of \$25 in addition to interest.

Students are advised to regularly verify their account balance via Minerva.

The University has no obligation to issue any transcript of record, award any diploma, or re-register a student in the case of non-payment of tuition fees, library fees, residence fees or loans on their due date.

Information for Registered Students

Students who have registered in a given term and who have amounts owing from previous terms must either pay their accounts or make payment arrangements with the Student Accounts Office before the end of the course add/drop period. Students in financial difficulty should first consult the Student Aid Office (Brown Student Services Building, Room 3200; 398-6013) to discuss the possibility of obtaining financial aid.

Failure to pay the previous term's fees or to make arrangements to settle the debt prior to the add/drop deadline will lead to cancellation of registration in the current and subsequent terms.

Information for Students who are no Longer Registered

The delinquent accounts of students who fail to settle their debt or reach a suitable arrangement and of students who fail to provide the Student Accounts Office with up-to-date contact information, will be referred to a collection agency. **Where neither the University nor the collection agency is able to collect on the account, the University reserves the right to have the student reported to a credit bureau.** Students should be aware that the University is entitled to use all legal means to obtain payment and that students will be responsible for all costs associated with such actions.

2.4.9.2 Cancelling Registration for Non-Payment

In accordance with the fee policy as stated in the section "Overdue Accounts":

Students with a delinquent student account and who have more than \$100 outstanding from the previous term will be notified* by the Student Accounts Office that their registration will be cancelled for non-payment. The cancellation will be made effective the last day of the drop/add period unless the account has been settled or payment arrangements have been made with the University by then. After the add/drop deadline, students who pay or make payment arrangements with the Student Accounts Office and who want to confirm that their registration for the current or subsequent term(s) should be re-instated must complete the Request for Reinstatement Form, available at www.mcgill.ca/student-accounts/forms, and submit it to the Student Accounts Office, which will forward it to the Registrar's Office for approval and processing.

*Notification may be by e-mail to the student's McGill e-mail address, by regular mail, or by phone calls or voice-mail.

2.4.9.3 Acceptance of Fees vs. Academic Standing

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

2.4.9.4 Fees for Students in Two Programs

Students in two programs normally are billed additional fees for their second program. Depending on the level of the two programs eg., one program at the undergraduate vs. one program at the graduate level, students may incur both society and faculty fees and/or additional tuition fees. Consult the student accounts website for further details.

Student in two programs may consult the Admissions, Recruitment and Registrar's Office for information on tuition fees. Adjustments to bills will be made throughout the term when fees cannot be automatically calculated.

2.4.10 Deferred Fee Payment

2.4.10.1 Students with Sponsors

Students whose fees will be paid by an outside agency such as the Department of Veterans Affairs, CIDA, a foreign government, or their University department (i.e., teaching assistants or demonstrators), must have written evidence to that effect. Students in any of the above categories should go to the Student Accounts Office with the appropriate documentation.

When a sponsor has agreed to pay fees on behalf of a student, payment will be recorded on the fee account thereby reducing the balance the student must pay. The University reserves the right to insist upon payment. If the sponsor does not pay the promised fees within 90 days of invoicing, the student will be responsible for paying the fees plus the late payment fee and accrued interest. Refer to www.mcgill.ca/student-accounts/third for further details.

2.4.10.2 Students receiving McGill Scholarships/ Awards

Fall Term: McGill scholarships or awards are normally credited to the recipient's fee account by mid-August. These awards have the effect of reducing the student's outstanding balance.

Winter Term: Students will be able to view upcoming Winter term scholarships or awards on Minerva once processed by the Student Aid Office. These awards are post-dated and will be released to the student's fee account by January 3rd.

2.4.10.3 Students receiving Government Aid

Students are encouraged to pay their tuition promptly upon receipt of their government assistance. Interest on outstanding tuition is charged monthly beginning in August for returning students and in September for new students. Students who have applied for government assistance for full-time studies by June 30 (June 1st for US students) will be entitled to an exemption of interest and late payment charges effective upon receipt of their aid at the Student Aid Office.

Students are reminded that tuition and student housing fees

2.4.11 Yearly Fees and Charges by Faculty (2005-2006 rates)

Tuition fees at the undergraduate level are based on the number of credits taken. The tables reflect normal full-time course loads.

Part-time students will be charged tuition fees at the per credit rate and will be subject to student society fees, student services fees, registration and transcripts charges, and information technology charges.

Note: Any changes to fees subsequent to the publication date will be updated as they are confirmed via the Student Accounts website www.mcgill.ca/student-accounts.

2.4.12 Faculty of Dentistry – D.M.D.

Fees / Charges	Year 1	Year 2	Year 3	Year 4
Average Number of credits taken each year	64.00	66.00	51.00	34.00
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)	422.18	422.18	402.18	402.18
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
Class Notes	730.00	0.00	0.00	0.00
Equipment Rental and Purchase	0.00	320.00	1,000.00	1,000.00
Copyright Fees	18.90	18.90	18.90	18.90
Total Fees for Quebec students	\$5,703.17	\$5,404.39	\$5,230.24	\$4,086.12
Total Fees for Out-of-province students	\$12,066.05	\$11,966.11	\$10,300.66	\$7,466.40
Total Fees for International students	\$40,247.84	\$41,028.54	\$32,758.29	\$22,438.59

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

As of May 2006

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

Fees / Charges	Year 1	Year 2	Year 3	Year 4
Average Number of credits taken each year	64.00	52.00	48.00	37.00
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)	570.18	559.18	528.18	509.68
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
Equipment Rental & Purchase	0.00	0.00	0.00	0.00
Copyright Fee	18.90	18.90	18.90	18.90
Class Notes	850.00	0.00	0.00	0.00
Total Fees for Quebec students	\$5,971.17	\$4,442.85	\$4,189.41	\$3,360.45
Total Fees for Out-of-province students	\$12,334.05	\$9,612.69	\$8,961.57	\$7,038.99
Total Fees for International students	\$26,300.77	\$20,944.45	\$19,415.01	\$15,077.05

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

As of May 2006

**2.4.14 School of Nursing – B.Sc.(N.) and B.N.
(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	411.26	411.26	324.86
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	\$2,877.86	\$5,860.46	\$14,353.16

As of May 2006

**2.4.15 School of Physical and Occupational Therapy –
B.Sc.(Phys.Ther.), B.Sc.(Occ.Ther.)
(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	403.26	403.26	316.18
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	\$2,869.86	\$5,852.46	\$14,345.16

As of May 2006

2.4.16 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 May 2006

2.5 Student Records

2.5.1 Academic Standing

Students enter the University in satisfactory standing and their academic standing is determined soon after the end of a term in accordance with the regulations of their faculty. Standing codes are generated in January for the Fall term, in May for the Winter term, and in September for the Summer term. Students who are placed in unsatisfactory standing must apply to the faculty for re-admission. Consult the appropriate section of this Calendar for the Regulations on Academic Standing that apply to a particular faculty.

2.5.2 Credit System

The faculties listed in this Calendar use the credit system, where each course is assigned a credit rating reflecting the number of weekly contact hours. In general, a three-credit course indicates three hours of lectures per week for one term. Laboratory contact hours usually count for fewer credits. Credits also reflect the amount of effort required of students and generally assume two hours of personal study for each contact hour.

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

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

Some faculties have specific policies on course credit, so students should consult the faculties' sections of the Calendar for more information.

2.5.3 Grading and Grade Point Averages (GPA)

Please note: the following section does not apply to the School of Physical and Occupational Therapy; for more information, see [section 7.4.8 "Credit System"](#) and the School of Physical and Occupational Therapy's *Rules and Regulations for Student Evaluation and Promotion Course Guide*.

Courses can be graded either by letter grades or in percentages, but the official grade in each course is the letter grade. Effective with the Fall term of 2002, all verification forms, transcripts and other documents show only letter grades for all subsequent terms. Where appropriate, a class average will be calculated and appear on transcripts expressed as the letter grade most representative of the class performance.

Grades A through C are termed satisfactory passes, D a conditional (non-continuation) pass, and F a failure. Certain courses

have been approved for Pass/Fail (P/F) grading. Students may also designate elective courses to be graded under the S/U option; consult the faculty chapters of this calendar to see if this is applicable to you.

Students must obtain grades of C or better in courses used to fulfil program requirements. Students may not register in a course for which they have not passed all the prerequisite courses with a grade of C or better, except by written permission of the Departmental Chair concerned.

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

Letter grades are assigned grade points according to the table shown above. A student's academic standing will be determined on the basis of a grade point average (GPA), which is calculated by dividing the sum of the course credit times the grade points by the total course GPA credits.

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

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

The term grade point average (TGPA) will be the GPA for a given term calculated using all the applicable courses at the same level in that term. The cumulative grade point average (CGPA) will be the GPA calculated using the student's entire record of applicable courses at McGill at the same level; if the level is changed, e.g., from undergraduate to graduate, the CGPA starts again. This policy took effect January 2003. Prior to January 2003, if a student's degree program had changed, e.g., from B.Sc. to B.A., the CGPA started again. For students with academic information prior to Fall 2002, who are registered in a different program or in a different level post-Fall 2002, the transcript displays a special message regarding the CGPA restarting. If courses are repeated, all results are included in the GPA calculation. Therefore, grades of D or F continue to be used in the CGPA calculation even after the course is repeated or if a supplemental examination is taken. Students should note that credits are only granted once for a repeated course regardless of the passing grade.

2.5.3.1 Other Grades

- J** – unexcused absence (failed): the student is registered for a course but does not write the final examination or do other required work; calculated as a failure in the TGPA and CGPA (see note below).
- K** – incomplete; deadline extended for submission of work in a course (see [section 2.5.4 "Incomplete Courses"](#)).
- KE or K*** – further extension granted (see [section 2.5.4 "Incomplete Courses"](#)).
- KF** – failed to meet the extended deadline for submission of work in a course; calculated as a failure in TGPA and CGPA.
- KK** – completion requirement waived. Not calculated in TGPA or CGPA.
- L** – deferred examination.
- LE or L*** – permitted to defer examination for more than the normal period.
- NR** – no grade reported by the instructor (recorded by the Registrar).
- P** – pass; not calculated in TGPA or CGPA.
- Q** – course continued in next term (applicable only to courses taken pre-Fall 2002).
- S** – satisfactory; equivalent to C or better in an elective course; not calculated in TGPA or CGPA.
- U** – unsatisfactory; equivalent to D or F in an elective course; not calculated in TGPA or CGPA.

- W** – withdrew; a course dropped, with permission, after the Course Change deadline; not calculated in TGPA or CGPA.
- WF** – withdrew failing; a course dropped, with special permission in an exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an F; not calculated in TGPA or CGPA. (Not used in Music.)
- WL** – faculty permission to withdraw from a deferred examination; not calculated in TGPA or CGPA.
- NA or &&** – grade not yet available.
- W-- or --** – no grade: student withdrew from the University, not calculated in TGPA or CGPA.

Note re J grade: All students who miss a final exam will be given a grade of J. The student will then have the following options:

- ask to be assigned a grade based only on the grades earned for the work submitted up to, but not including, the final exam. The grade earned will be calculated by adding the grades obtained on the individual pieces of work and a grade of 0 for the portion of the final grade allocated to the final exam. This option is not available if the professor has stipulated in the course outline that the final exam is a required part of the evaluation;
- request a deferred exam, if the student has the appropriate reasons and documentation.

Students must make their request for option a) no later than four months after the end of the examination period of the original course. Requests for deferred exams (option b) must be made by the faculty deadlines as indicated in the faculty sections of this Calendar. Students wishing to appeal a J grade should write to the Associate Dean of their faculty.

2.5.4 Incomplete Courses

If, in the instructor's opinion, there is sufficient reason to permit a delay in the submission of required term work, an extension of the deadline after the end of the course may be granted to the student. In this case, the instructor will submit a grade of K (incomplete).

If a grade of K is submitted, the instructor will also indicate the date by which the student must complete the work. Consult the faculty sections for maximum extensions.

If the instructor submits a new grade within the deadline, both the new grade and the grade of K will appear on the student's faculty reports and verification forms. However, on the student's official transcript the new grade will replace the K.

If the required work is not completed before the deadline, a grade of KF will be updated on the student's record. A KF denotes a failed course and is calculated in the TGPA and CGPA the same as an F.

In exceptional circumstances, and with the approval of the Associate Dean, the deadline may be extended further, in which case the grade of KE (further extension granted) will appear. If the extended deadline is not met, a grade of KF will replace the KE. Music students who have marks of K not cleared by mid-May are ineligible for scholarships.

Students who have not, without a valid excuse, participated in or written a final examination or submitted required term work for any courses they were registered in shall be assigned a final grade of J (unexcused absence). For more information, see note regarding J grade above.

2.5.5 Verification of Student Record

2.5.5.1 Unofficial Transcripts

Subject to [section 2.5.6 "Changes to Student Records after Normal Deadlines"](#), students are responsible for verifying their academic record on Minerva using the unofficial transcript to ensure that they are registered in the proper courses, and that the correct program information and expected term of graduation is appearing on their record.

Graduating students must make sure to verify their record on Minerva prior to the end of term in which they are graduating to ensure that the correct expected term of graduation is indicated on their unofficial transcript; if not, the student may be overlooked for graduation. Any questions or problems with their record should be directed to the Student Affairs Office.

2.5.5.2 Degree Evaluation

Degree Evaluation is a Minerva tool to help students and advisers compare the student's academic record with the requirements of a specific program. Students with access to Degree Evaluation can review their progress within their current program. Also, if considering a change in program, students can generate a "what-if" comparison of their academic record with the requirements of another program.

Though program requirements are based on the most recent calendar, the presentation in the degree evaluation report may have a different appearance. For example, a long listing of courses in the calendar may be grouped into one course "attribute" on the report.

Degree Evaluation also provides a central record of adviser/faculty-approved adjustments to a student's program of study, e.g., the replacement of one specified course with another or acceptance of a non-McGill course for credit.

Students using Degree Evaluation are reminded that it is an advising tool only. A Degree Evaluation Report that indicates program requirements have been satisfied does NOT constitute approval to graduate.

For details regarding Degree Evaluation including "reading a degree evaluation report," please consult the Registration, student records and exams website at: www.mcgill.ca/student-records/degree-evaluation.

2.5.6 Changes to Student Records after Normal Deadlines

2.5.6.1 Student Record Changes

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

2.5.6.2 Registrar Deadlines

Fall term - January 31
Winter term - June 1
Summer term - October 1

2.5.6.3 Before Registrar Deadlines

For record changes after the normal deadlines published in the calendar, but before the Registrar deadlines above, the student must make a request in writing to the Associate Dean of their faculty, clearly explaining the reasons why the change could not have been requested prior to these dates. The Associate Dean will then review the request and render a decision. If permitted, the change will then be processed according to existing faculty and ARR student record procedures.

2.5.6.4 After Registrar Deadlines

A change that is requested after the Registrar deadlines above will not normally be considered. In situations where there are "extraordinary personal" or "extraordinary academic" circumstances that could not have been foreseen prior to these deadlines, students may formally request a student record change from the Associate Dean of the faculty. If the Associate Dean of the faculty approves the request, the change will then be processed according to faculty and ARR student record procedures. For all changes other than grade changes, full documentation supporting extraordinary circumstances will be filed by the faculty with the Registrar's office.

2.5.6.5 Fee Assessment Consequences

When a change to the student record is made, the revised fee assessment will be reflected on the next fee statement.

If a student wishes to contest the fee assessment, he or she must make a request in writing to Admissions, Recruitment and Registrar's office. The ARR, upon reviewing the extraordinary circumstances described in the supporting documentation provided by the faculty, and upon consultation with the Student Accounts Office if necessary, will decide whether or not to consider the request and will advise the student in writing of the outcome.

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

Changes related to student's citizenship and/or immigration or fee exemption status are not handled by the Faculty and are dealt with in [section 2.2.3, "Legal Documents"](#).

2.5.7 Transcript of Academic Record

2.5.7.1 Unofficial Transcripts

Students who require a copy of their student record can view and print their own unofficial transcript by accessing Minerva. This applies to records from 1976 to present. For pre-1976 records, an official transcript must be ordered.

2.5.7.2 Official Transcripts

Official transcripts can be ordered on-line via **Minerva** by going to Student Menu->Student Records Menu->Request Printed/Official Transcript. Students who cannot access Minerva should fill out the "Request for Release of Official Document" form available on-line at www.mcgill.ca/student-records/transcripts or in person at the Admissions, Recruitment and Registrar's Office at the address below. Transcript requests may be submitted by mail, by fax, or in person but must be signed by the student. To protect privacy, we do not accept telephone or e-mail requests.

Admissions, Recruitment and Registrar's Office
James Administration Building
845 Sherbrooke Street West, Room 205
Montreal, Quebec H3A 2T5
Fax: (514) 398-8939

2.5.7.3 General Information

Transcripts are free of charge.

Official transcripts are sent directly to the addresses provided by the student. Official transcripts in sealed envelopes can be given to those requesting them.

Requests are processed in 3 to 5 working days, somewhat longer for pre-1976 records and at peak times.

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

The University will issue only complete transcripts recording all work attempted and results obtained in any and all programs. In no circumstances will partial transcripts be issued.

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

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

Official transcripts are produced on secure paper that cannot be copied.

2.5.7.4 Course Numbering on the Transcript

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

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

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

2.6 Examinations

2.6.1 Examinations – General Information

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

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

Students will not be permitted to write an examination in any course unless they have fulfilled the requirements of the course to the satisfaction of the instructor and the Associate Dean. Once students have presented themselves for an examination or test, they must submit all written work to the invigilator before leaving.

Students writing examinations must have with them their valid McGill student ID card. Forgetfulness cannot be considered an acceptable excuse.

Students are reminded that cheating in any examination is considered a serious offence which could lead to expulsion from the University. Students are not permitted to have in their possession, or to use, any unauthorized materials during an examination.

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

All students are responsible for knowing the University Examination Regulations and the Code of Student Conduct and Disciplinary Procedures. The former are normally posted during the examination period and both may be obtained from the Office of the Associate Dean.

Information about issues related to academic integrity can be found at www.mcgill.ca/integrity.

Class Tests

Members of the teaching staff may from time to time give interim class tests if they think them necessary.

Special Facilities

Students with visual or other disabilities should consult the Coordinator, Office for Students with Disabilities, Brown Building, about the possibility of special examination facilities.

Credit by Examination

In certain exceptional cases and in certain faculties, students may apply to the Associate Dean to write a final examination in order to obtain credit in a course for which they were not registered. This is possible only in those courses where there is no other assessment except the final examination.

2.6.2 Final Examinations

Formal final examinations are held during an examination period following the term in which the course is given. The dates of the examination periods are listed in the Calendar of Dates. **Students are warned not to make travel arrangements to leave Montreal prior to the scheduled end of any examination period.** In some courses there is no final examination; standing in these courses is determined on the basis of term work and class tests.

2.6.2.1 University Regulations Concerning Final Examinations

Preamble

The objectives of these regulations are as follows:

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

Regulations

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

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

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

2.6.3 Invigilation (Exams from Other Universities)

Upon request, McGill will offer an invigilation service enabling students to write exams given by other universities. Exams must be scheduled on weekdays at 9:30 a.m., and cannot be scheduled on evenings, weekends, statutory holidays, McGill holidays, or Fridays during the months of July and August.

The Cost

The cost for invigilation and administration is \$50 per student per exam plus \$10 for courier charges to Canada and \$20 to the USA and \$30 courier charges to overseas.

The home university should confirm in advance of the exam date if it is paying; otherwise, the student will be charged.

Setting Up

Please confirm the exam date and time well in advance of the scheduled exam and also provide your phone number and e-mail address.

Exams and examination booklets, along with full instructions, should be sent to this address well in advance of the scheduled exam:

Admissions, Recruitment and Registrar Service Centre
James Administration Building, Room 205
McGill University
845 Sherbrooke St. West
Montreal, Quebec H3A 2T5
Telephone: (514) 398-2836
Fax: (514) 398-8939
E-mail: exam.arr@mcgill.ca

2.7 Scholarships and Financial Aid

Refer to www.mcgill.ca/studentaid for information on entrance scholarships, federal and provincial student assistance, McGill loans and bursaries, and loans available to U.S. citizens.

2.7.1 Awards to McGill Students in Course

Faculty scholarships and awards are made by the individual Faculty Scholarships Committees, and students should consult the appropriate section of this Calendar for regulations and information concerning these awards.

Most undergraduate scholarships and awards are granted on the basis of the combined GPA for the Fall and Winter terms and applications are not required unless specifically indicated in the terms of an award.

To be considered for in-course awards and/or the renewal of entrance scholarships, students must complete at least 27 graded credits in the regular academic year exclusive of courses completed under the Satisfactory/Unsatisfactory option. Summer courses are not considered. Courses taken at other Quebec universities through the Inter-University Transfer Agreement may be counted towards the requirements for scholarship renewal or for consideration for other academic awards. Eligibility will be based on all courses taken during the regular academic year and on both the McGill GPA as well as the global GPA, which will include the IUT credits.

To receive full payment of an award, students must be registered as full-time (i.e., at least 12 credits per term) in a McGill undergraduate degree program for the entire academic year; otherwise, the award, or part of it, may be cancelled. For instance, a student who is registered full-time for only one-half of the academic year will receive only one-half of the value of the award.

A maximum of the top 10% of the students in each faculty based on the combined GPA for the Fall and Winter terms are named to the **Dean's Honour List**. This designation, while carrying no monetary reward, is an official University recognition of the student's achievements and is recorded on the transcript. Outstanding students, who rank in a maximum of the top 5% of their faculties, may also be considered for the J.W. McConnell and James McGill Awards, which range in value from \$500 to \$5,000. These awards are made by the University Committee on Scholarships and Student Aid to top students as ranked and recommended by each faculty. In making such recommendations, faculties may consider program content, number of credits, etc., in addition to GPA.

A maximum of the top 10% of the graduating students in each faculty are named to the **Dean's Honour List**. This honorary

designation is based upon the cumulative academic record and the minimum required CGPA is determined annually by each individual faculty. Individual faculties should be consulted regarding any additional criteria which may be used. These designations may be withdrawn, in the case of transfer students, if their CGPA in another faculty or at another university is not comparable to the CGPA earned in the current faculty.

All awards, with the exception of prizes, are credited to the tuition fee accounts of students for the following academic year. Awards made to students who do not return to McGill the following year are considered relinquished. However, students who pursue studies at another university for credit towards a McGill degree may be granted permission to retain their scholarships and/or awards for a maximum of one academic year away from McGill.

Students holding renewable scholarships granted by the University Committee on Scholarships and Student Aid will be eligible for renewal if they meet the McGill standards for renewal, i.e., the equivalent of a 3.50 on the combined GPA for the Fall and Winter terms and at least 27 graded credits.

Students who have relinquished their awards may, upon their return to McGill, request reinstatement. Such students requesting reinstatement should be sure that the Scholarships Office receives a copy of the letter of readmission.

Full information concerning undergraduate awards and bursaries is contained in the Undergraduate Scholarships and Awards Calendar available on the Web at www.mcgill.ca/courses or from the Scholarships Office.

2.7.2 Work Study Program

The Work Study Program provides students with financial assistance through part-time employment on campus. Acceptance to the program is based primarily on financial need. Academic standing is also considered. Work Study positions are varied and range from clerical jobs to more challenging work such as research or computer programming. In addition to helping students cope with their financial obligations, Work Study also provides practical work experience which may enhance future employment opportunities.

Further information is available on McGill's Work Study website at: www.is.mcgill.ca/studentaid/workstudy.

2.7.3 Students in Need

The Student Aid Office provides information, advice and assistance to students in financial need. The Office administers the University's loan, bursary and Work Study programs. In addition, it oversees all provincial, federal and U.S. student aid programs and disburses government funds. Student Aid Counsellors are available for consultation on an individual basis to provide advice on budgeting and debt management, and to award financial assistance to needy and deserving students.

For more information:

Student Aid Office
William & Mary Brown Student Services Building
3600 McTavish Street, Suite 3200
Montreal, QC H3A 1Y2 Canada
Telephone: (514) 398-6013
E-mail: student.aid@mcgill.ca
Website: www.mcgill.ca/studentaid

2.8 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.

2.8.1 Apply to Graduate

Please note: the following section does not apply to the School of Physical and Occupational Therapy; for more information, see the School of Physical and Occupational Therapy's *Rules and Regulations for Student Evaluation and Promotion Course Guide*.

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. For more information, see [section 2.5.5, "Verification of Student Record"](#). The Student Affairs Office should be notified immediately when a final-year student changes his/her expected graduation term. Failure to do so may result in the postponement of a student's graduation.

A student must complete a minimum residency requirement of 60 credits at McGill in order to qualify for a McGill degree.

The minimum CGPA required to graduate is 2.00.

2.8.2 Graduation Approval Query

Graduating students may view the status of their graduation record on Minerva as part of the Faculty review and approval process. The menu option called "Student Graduation Query" is accessed via the Student Records menu option on Minerva, and becomes available to graduating students approximately 3-4 weeks before the "degree awarded" notation is updated on their records.

If all requirements for graduation are met, the student's record on Minerva will be updated with the "degree awarded" notation at the appropriate time:

- late February, if term of graduation is Fall (Convocation in Spring)
- late May, if term of graduation is Winter (Convocation in Spring)
- late October, if term of graduation is Summer (Convocation in Fall)

Note: Information regarding the Convocation ceremonies can be obtained on the McGill website at www.mcgill.ca/convocations.

2.8.3 Replacement Diploma

There are several instances when students might request a replacement diploma: if your diploma was lost, damaged, or if the name on the diploma should be changed. Students must make a request in writing and should also include a certified cheque or money order for the amount of CDN \$60 made payable to McGill University. Students should refer to the sections below to determine which situation applies to them. All requests should be sent to:

Admissions, Recruitment and Registrar's Office Service Centre
Duplicate Diploma Request
McGill University
James Administration Building, Room 205
Montreal QC H3A 2T5
E-mail: registration.arr@mcgill.ca

Please note that requests made on behalf of a student must be accompanied by a signed letter of authorization from the student.

To replace a lost diploma: Students must provide a sworn affidavit from a notary, a lawyer or a commissioner of oaths certifying that the diploma is lost. The affidavit should include: full name; student number; address; phone number; date of birth; degree granted/year granted; reason for a replacement diploma.

To replace a damaged diploma or change the name on the diploma: Students must send or deliver the original diploma. Include clear and complete photocopies of legal documents supporting the name change. Please refer to [section 2.2.5, "Legal Name"](#) for the list of acceptable documents. Please note that the name change must be processed in the system before a duplicate diploma can be issued. Students must enclose a letter containing the following important information: full name; student number;

address; phone number; date of birth; reason for a replacement diploma; new spelling/grammar changes.

2.9 Professional and Graduate Studies

Students intending to proceed into Dentistry, Law or Medicine should consult the faculties concerned about their prerequisites for admission.

2.9.1 Language Requirements for Professions

Quebec law requires that candidates seeking admission to provincially recognized professional corporations* must possess a working knowledge of the French language, that is, be able to communicate verbally and in writing in that language.

To demonstrate this capability, candidates will be required to pass an examination set by the Office de la langue française, unless they can show that three years of full-time instruction in a French post-primary school have been completed. Candidates who have completed their secondary education in Quebec in 1986 or later and have received their certificate from secondary school are exempt from writing the examination. The professional corporation will require this certificate, proof of attendance or of successful completion of the Office examination.

The examination may be attempted by registered students during the two years prior to the date they receive a degree giving access to a professional corporation. Application forms for sitting the exam while still a student may be obtained from the Admissions, Recruitment and Registrar's Office. Priority will be given to those closest to graduation. Examinations take place every three months and may be attempted an unlimited number of times.

More information may be obtained from the Office de la langue française, 125 Sherbrooke Street West, Montréal, Québec, H2X 1X4. Telephone: (514) 873-4833.

Students who need to acquire a functional level of proficiency in French may take courses from either the English and French Language Centre, Faculty of Arts, or the Centre for Continuing Education, 688 Sherbrooke Street West, telephone (514) 398-6200.

Students already proficient in French but who wish to keep up practice might consider courses in the Department of French Language and Literature, Faculty of Arts.

Note: Non-credit language courses, and in some cases credit language courses, completed at the Centre for Continuing Education may not be applied to program/degree requirements. Consult your Faculty for clarification.

* McGill degrees and diplomas currently give access to corporations regulating the activities of the following professional groups:

Agrologists	Lawyers
Architects	Licensed General Accountants
Chartered Accountants	Nurses
Chartered Appraisers	Occupational Therapists
Chemists	Physicians
Dentists	Physiotherapists
Dietitians	Psychologists
Engineers	Social Workers
Geologists	Speech Therapists and Audiologists
Industrial Administration Accountants	Urbanists
Industrial Relations Counsellors	Vocational Guidance Counsellors

2.9.2 Graduate Studies

Please note that students who intend to pursue graduate studies at McGill are not automatically admitted. Further information is available at www.mcgill.ca/applying/graduate, and in the Graduate

and Postdoctoral Studies Calendar also available on the Web at www.mcgill.ca/courses.

Additional information regarding postgraduate awards is available at www.mcgill.ca/gps, or from the Graduate and Postdoctoral Studies Office, James Administration Building, Room 400, 845 Sherbrooke Street West, Montreal, QC H3A 2T5.

Inquiries about graduate assistantships should be directed to the individual departments.

2.10 Student Services

2.10.1 Office of the Dean of Students

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

Telephone:

General Information: (514) 398-3825

Website: www.mcgill.ca/deanofstudents

Dean/Associate Dean: (514) 398-4990

The Dean and the Associate Dean of Students coordinate all student services at McGill to promote student success. They are available to provide assistance and/or information on almost all aspects of non-academic student life. Concerns of an academic nature will be directed to the proper individual, office or department.

2.10.2 Student Services – Downtown Campus

Unless otherwise indicated, on the Downtown Campus all student services offered by the Office of the Dean of Students are located in the William and Mary Brown Student Services Building, 3600 McTavish Street, Montreal, Quebec H3A 1Y2.

A list of services available is given below. For further information refer to the Student Services website:

www.mcgill.ca/studentsservices or the address indicated above.

Student Services

General Information: (514) 398-8238

Website: www.mcgill.ca/studentsservices

Career and Placement Service (CAPS): provides a range of services to McGill students, and recent graduates, in the field of student and graduate employment.

Brown Building, Suite 2200

(514) 398-3304

E-mail: careers.caps@mcgill.ca

Website: www.caps.mcgill.ca

Chaplaincy Service: concerned with the spiritual and mental well-being of all students.

Brown Building, Suite 4400

(514) 398-4104

E-mail: chaplaincy@mcgill.ca

Website: www.mcgill.ca/chaplaincy

Counselling Service: assistance for personal, social, and emotional problems as well as vocational and academic concerns.

Brown Building, Suite 4200

(514) 398-3601

E-mail: counselling.service@mcgill.ca

Website: www.mcgill.ca/counselling

First Peoples' House: fosters a sense of community for Aboriginal students studying at McGill.

3505 Peel Street

(514) 398-3217

E-mail: firstpeopleshouse@mcgill.ca

Website: www.mcgill.ca/fph

First-Year Office: helps ease the transition of all students new to McGill. Coordinates "Discover McGill", a one-day, campus-wide University and faculty orientation.

Brown Building, Suite 2100 (514) 398-6913
E-mail: firstyear@mcgill.ca
Website: www.mcgill.ca/firstyear

Health Services and Dental Clinic: provides access to experienced physicians, nurses and health educators who offer health services and information in a confidential atmosphere. Also operates a laboratory offering a wide array of testing, and a dental clinic.

Brown Building, Suite 3300 (514) 398-6017
Website: www.mcgill.ca/studenthealth

International Student Services: offers support to international students on non-academic matters (immigration, health insurance, etc.), runs a Buddy Program and an orientation program.

Brown Building, Suite 3215 (514) 398-4349
E-mail: international.students@mcgill.ca
Website: www.mcgill.ca/internationalstudents

Mental Health Service: a psychiatric clinic which offers easily accessible treatment for mental health problems.

Brown Building, Suite 5500 (514) 398-6019
Website: www.mcgill.ca/mentalhealth

Student (Financial) Aid Office: provides assistance in the form of loans, bursaries, and work study programs to students requiring financial aid.

Brown Building, Suite 3200 (514) 398-6013 /6014
E-mail: student.aid@mcgill.ca
Website: www.mcgill.ca/studentaid

Student Housing (Off-Campus): maintains computerized lists of available off-campus student housing.

Student Housing Office, 3641 University Street (514) 398-6010
E-mail: offcampus.housing@mcgill.ca
Website: www.mcgill.ca/offcampus

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
Website: www.mcgill.ca/tutoring

2.10.3 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 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/student-services.

Unless otherwise indicated, Macdonald Campus services are located in the Centennial Centre, Room CC1-124, 21,111 Lakeshore Road.

Telephone: (514) 398-7992 Fax: (514) 398-7610

Career and Placement Service (CAPS): This service brings together potential employers and students seeking permanent, summer and part-time career-related work.

Telephone: (514) 398-7582

Counselling Services: A professional counsellor is available twice a week offering counselling for personal, social and emotional concerns as well as for academic and vocational concerns. Appointments are required.

Telephone: (514) 398-7992

Health Service: A referral service is available Monday through Friday. A nurse/health educator is on campus Mondays, Tuesdays and Wednesdays and a physician may be seen by appointment on specified dates.

Telephone: (514) 398-7565

Off-Campus Housing: The Macdonald Campus service is available from June 1 to August 31 each year.

Telephone: (514) 398-7992

Student (Financial) Aid Office: Information about government loans, McGill loans and bursaries, and the Work Study Program can be obtained at the Centre. During the academic year (September to April) a counsellor visits the campus every Wednesday to help students with financial problems.

Telephone: (514) 398-7992

2.10.4 Extra-Curricular Activities

There are over 250 activities and clubs which students may join. These include international clubs; religious groups; political clubs; fraternities; communications groups such as Radio McGill, the *McGill Tribune*, and the *McGill Daily*; and some 50 miscellaneous groups (e.g., science clubs; literary, theatrical and musical societies; a chess club; and the McGill Outing Club).

The University Centre, 3480 McTavish Street, provides club rooms for these activities in a four-storey building with cafeterias, a ballroom, lounges and an experimental theatre. Activities for graduate students are centred in David Thomson House at 3650 McTavish Street. On the Macdonald Campus facilities are located in the Centennial Centre (refer to FAES section).

2.10.5 Ombudsperson for Students

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

The Office of the Ombudsperson is a confidential, independent, and neutral dispute resolution service for all members of the student community. Please call (514) 398-7059 for an appointment. Office of the Ombudsperson, Brown Building, Room 5202
Website: www.mcgill.ca/ombudsperson

2.10.6 Bookstore

The McGill University Bookstore stocks new and used textbooks, a full range of books for the academic and professional community, stationery supplies, and McGill insignia clothing and gift items.

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

Macdonald Bookstore Telephone: (514) 398-8300
Centennial Centre

2.10.7 Computer Store

The McGill Computer Store, located on the second floor of the University Bookstore, sells a full range of PC, Macintosh and Unix

hardware, computer software and consumer electronics at educational prices.

3420 McTavish Street
Website: www.mcs.mcgill.ca

Telephone: (514) 398-5025
sales.mcs@mcgill.ca

2.10.8 Day Care

The McGill Childcare Centre is an independently run centre which can accommodate approximately 100 children, ranging in age from 4 months to 5 years. As placements are limited, especially for certain age groups, early application is suggested.

The Centre is located at:

3491 Peel Street, Montreal, QC H3A 1W7

Telephone: (514) 398-6943

A Campus Day Care Centre, located adjacent to the Macdonald Campus, is an independently run centre which can accommodate approximately 60 children, ranging in age from 4 months to 5 years. In addition, 50 children can be accommodated in Home Day Care within the neighbourhood. Preference is given to the Campus community. Early application is recommended. The Centre is located at:

1 Maple Avenue, Ste. Anne de Bellevue H9X 2E3

Telephone: (514) 398-7951

For Home Day Care information:

Telephone: (514) 457-7953

2.11 Athletics

Downtown Campus

Athletics: offers programs in recreational, intercollegiate, instructional, intramural and sports clubs.

Athletics Complex, 475 Pine Avenue West (514) 398-7000

E-mail: athletics@mcgill.ca

Website: www.athletics.mcgill.ca

Macdonald Campus

Athletics: Athletics offices are located in the Stewart Athletic Complex, just west of the Centennial Centre. Available at no charge to Macdonald students is a wide selection of activities, as well as the use of an excellent array of equipment. Facilities include a gymnasium, pool, weight room (with monitors on hand four evenings per week), arena, tennis courts, playing fields and large expanses of green space.

In addition to providing many open times for your enjoyment, there are also instructional, recreational, intramural and intercollegiate activities. There are nominal fees for instructional courses.

Stewart Athletic Complex (514) 398-7789

Website: www.agrenv.mcgill.ca/society/athletic

2.12 Information Technology Resources

2.12.1 IST Customer Services (ICS)

McGill ICS provides technical support for the following student services: E-mail, Virtual Private Network (VPN), Wireless Network Dialup Access Service (DAS), REZ Voice and Data Service (post-installation), and WebCT.

Visit ICS on the Web at www.mcgill.ca/ics. For technical support, contact them on-line via the Virtual Help Desk at www.mcgill.ca/ics/vhd, or by phone at (514) 398-3398, or in person at Burnside Hall in room 112.

2.12.2 Network and Communications Services (NCS)

McGill NCS provides data services including access to Local Area Networks (LANs), the Internet, e-mail, McGill central systems, and the McGill University website — all from virtually anywhere on campus (wired or wireless) and remotely. They also provide voice service (with long distance and voice mail) to students in McGill Residences. The website at www.mcgill.ca/ncs lists products and services offered by McGill NCS.

2.12.3 Computer Labs

The computer labs are provided by many faculties and departments for students in their programs. A list of these labs can be found at www.mcgill.ca/index/computer. Check the unit listings or contact the unit directly for information concerning facilities and accessibility.

2.12.4 Instructional Multimedia Services (IMS)

Instructional Multimedia Services (IMS) provides services related to the use of technology in teaching. It is McGill's central facility for the loan of audiovisual equipment and support for video production.

The IMS Audiovisual Arrangements Section located in the lobby of the Redpath Library and the IMS office at the Macdonald Campus house a full range of audio, video, computer, and projection equipment available for loan to McGill students. Equipment is provided free of charge for credit course activities. Training in equipment use is available and advance reservations are highly recommended. Further details are available on the IMS website, www.mcgill.ca/ims/aa/el.

The IMS also maintains two video editing suites available for staff and students who wish to produce their own programs. These suites are self-instructional, and sessions should be reserved in advance. For more information or to reserve a session, please contact the IMS Main Office, 688 Sherbrooke St. W., Suite 1600, (514) 398-7200.

2.13 Resources for Study and Research

2.13.1 Libraries

The Library consists of 13 branch libraries, primarily disciplinary in focus, and several affiliated collections located on the Montreal Downtown city campus and at the Macdonald campus on the shores of Lac St. Louis. The Library provides vast print collections, ranging from Audubon's *Birds of America* to J.K. Rowling's *Harry Potter and the Chamber of Secrets*, and extensive electronic resources, including early English texts, scientific treatises and e-journals on topics ranging from philosophy to psychiatry. A wide range of services and a comprehensive website (www.library.mcgill.ca) link the resources held to people who need them for teaching, learning, research and scholarship.

Expert and friendly staff are available in each branch library to provide assistance in locating information for course work, assignments or research topics. Training is provided at all levels to ensure effective access to quality information through efficient database and internet searching with information skills programs undertaken as part of course curricula. Liaison librarians in specific disciplinary areas assist students and staff. Staff and students may borrow from the University using their ID cards.

Opening hours vary for each library but most are open up to 84 hours per week and around examination time have extended opening hours, with the Humanities and Social Sciences Library open for 24 hours. Assistance is provided by phone, in person and online. Hundreds of computers in e-zones are available in all branch libraries in a secure environment and are used for accessing online courses, reading library materials, e-mail, word processing for assignments and the internet. Facilities for plugging in

laptops are available in a wireless network. There are individual study carrels and group study rooms which can be booked for use. Printing and copying facilities, operated by a card system, are conveniently located. Special facilities are available for the vision and hearing impaired.

The Collection contains over 6 million items, with over 1 million e-books. There are 9,000 print journals and almost 30,000 e-journals. Hundreds of databases on topics ranging from art history to zoology guide users to relevant journal articles and research materials. Thousands of videos and sound recordings enrich the collections. All items held are listed in the Library's online catalogue. Materials are arranged on the shelves according to the Library of Congress Classification system. Electronic data resources support empirical and statistical research and a digitization program makes available unique scholarly materials on topics like Napoleon and Canadian military history. Copies of textbooks and some items on reading lists are held in Course Reserve collections for short term use. Links are made from the university's online learning management system, WebCT to library resources. Past examination papers, McGill theses and newspapers from all over the world are also available online.

2.13.2 University Archives

The McGill University Archives (MUA) acquires, preserves and makes available to researchers (including students) of all disciplines more than 5,000 metres of records dating from 1797 to the present. These records document the history of McGill University faculty research, alumni and student organizations, and select Montreal-based organizations, all in a variety of media (including textual records, photographs, slides, audio-tapes, film, video, University publications, and artifacts). The MUA acquires private records to support historical research and manages the University's corporate memory and information assets through its Records Management Program. The Records Management Program regulates the flow of administrative records and protects vital evidence of University functions and activities according to Quebec archives and records legislation.

The MUA Reading Room is open to the public Monday-Friday, 9:00-12:30 and 1:45 to 4:45; however, appointments are recommended. The MUA website includes virtual exhibitions, online searching of the MUA holdings, digital collections including the largest campus database of digitized images, and access to the McGill History Portal (focusing on historical information about McGill University and its community).

McGill University Archives
McLennan Library - Ground Floor
Telephone: (514) 398-3772
Fax: (514) 398-8456
Website: www.archives.mcgill.ca

2.13.3 Museums

2.13.3.1 Redpath Museum

The Redpath Museum exists to foster the study of the history and diversity of the natural world. Its mandate includes geological, biological and cultural diversity. Its collections have been growing for over a century, and provide resources for research and for graduate and undergraduate education in biology, geology, anthropology and other fields. Among the largest collections are fossils from the ancient sea floor of eastern Quebec, the oldest land plants, a vast range of minerals, molluscs from around the world, Egyptian and classical antiquities, and artifacts from Central Africa. The Museum also houses research laboratories and classrooms.

The Museum welcomes McGill students and staff to visit its new permanent exhibit, which presents the history of life through the ages illustrated by material from Quebec and neighbouring regions, besides displays that feature the mineral and mollusc collections. A new ethnology gallery devoted to cultures throughout

the world, including ancient Egypt, classical Greece and Rome, Asia, and Africa, has recently been installed.

859 Sherbrooke Street West
Telephone: (514) 398-4086
E-mail: redpath.museum@mcgill.ca
Website: www.mcgill.ca/redpath

2.13.3.2 McCord Museum of Canadian History

The McCord Museum is home to one of the finest historical collections in North America. It possesses some of Canada's most significant cultural treasures, including the most comprehensive collection of clothing - comprised of over 16,000 garments or accessories - made or worn in Canada; an extensive collection of First Nations artifacts - the most important of its kind in Quebec with a corpus of over 13,000 objects from across Canada; and the renowned Notman Photographic Archives, which contain over 1,000,000 historical photographs and offer a unique pictorial record of Canada from pre-Confederation to the present. The McCord also houses paintings by renowned artists such as Théophile Hamel, Cornelius Krieghoff, James Pattison Cockburn and George Heriot. The Museum's Textual Archives include some 185 linear metres of documents relating to Canadian history. Finally, the McCord's website (www.mccord-museum.qc.ca) features award-winning virtual exhibitions, innovative learning resources and a vast, searchable database of information on the Museum's collections.

Exhibitions at the McCord provide inspirational and innovative interpretations of the social and cultural history of Montréal, Quebec and Canada. In addition to guided tours, school programs, cultural activities and lectures, the McCord offers a range of services including the Museum Café and the boutique.

Researchers welcome by appointment.
690 Sherbrooke Street West
Telephone: (514) 398-7100
Email: info@mccord.mcgill.ca
Website: www.mccord-museum.qc.ca

2.13.3.3 Lyman Entomological Museum and Research Laboratory

Located on the Macdonald Campus, this institution has the largest insect collection of any Canadian university, and is second in both numbers of species and specimens only to the Canadian National Collection of Insects, Ottawa. As its main function is research and teaching, and not exhibition, it is not generally open to the public, but tours are available, by appointment, to interested parties. Telephone: (514) 398-7914.

2.13.3.4 Other Historical Collections

In addition to the above, there are other collections and exhibits of a specialized nature, ordinarily open only to students but to which access may be gained by application to the department concerned. These include the Anatomical and Pathological Museums.

The Physics Department has two specialized collections which may be viewed by appointment. The Rutherford Museum contains original apparatus and other items used by Professor Ernest Rutherford in his Nobel Prize-winning research on radioactivity at McGill University, 1898-1907. The McPherson Collection comprises a wide range of historical apparatus and instruments used for measurements and investigations, with special emphasis on 19th-century physics.

2.14 Facilities

2.14.1 Buildings

3605, de la Montagne Street, Montreal, QC, H3G 2M1
This building, built in 1925, comprises the administrative offices of the Faculty of Medicine.

McIntyre Medical Sciences Building

3655 Promenade Sir-William-Osler, Montreal, QC H3G 1Y6
This 15-storey building, completed in 1965, contains the students' related administrative services of the Faculty of Medicine, as well as the Life Sciences Library, the Osler Library of the History of Medicine, the Departments of Biochemistry, Social Studies of Medicine, Pharmacology and Therapeutics, Physiology, the Animal Resources Centre and a number of special research units.

Strathcona Anatomy and Dentistry Building

3640 University Street, Montreal, QC H3A 2B2
This building, opened in 1911, houses the administrative offices of the Faculty of Dentistry, the Department of Anatomy and Cell Biology as well as the Polypeptide Hormone laboratory.

Duff Medical Sciences Building

3775 University Street, Montreal, QC H3A 2B4
Opened for use in 1924, the building is situated on the northeast corner of University Street and Pine Avenue. It is occupied by the Pathology Department, Department of Biomedical Engineering, the Nephrology Division, the Departments of Microbiology and Immunology, and the Sheldon Biotechnology Centre.

Note: The Sheldon Biotechnology Centre's address is 3773, University Street, Montreal, QC, H3A 2B4.

Research and Training Building

1033 Pine Avenue West, Montreal, QC H3A 1A1
In 1943 a large building and site were donated as a basis for the development of an Institute of Psychiatry. The building was reconstructed to permit the establishment of a 50-bed unit, together with extensive research laboratories, and opened in 1944.

In 1946 the first day-hospital in the world was opened at the Institute and in 1953 a 50-bed wing was added. In 1985, another wing, housing in-patient services, psychology and occupational therapy, was added.

The Research and Training Building of the Department of Psychiatry was built by McGill University in 1963, providing an extensive and modern research facility.

McGill Genome Quebec Innovation Centre

740 Doctor Penfield Avenue, Montreal, QC H3A 1A4
Completed fall 2002, the six-storey structure was constructed to help meet the critical demand for modern and cross-disciplinary research space. The Centre is shared by six groups: the Montreal Genome Centre, the Montreal Proteomics Centre, the Montreal Quebec Expertise Centre, the Mass Spectrometry Unit, the Bone Research Centre and bio-business incubators.

The McGill Medical Simulation Centre

3575 Park Avenue, Montreal, QC, H2X 3P9
The Medical Simulation Centre is located in La Cité Complex. This 18,000 square feet of space contains a surgical skills area, high fidelity simulation labs and ten clinical encounter rooms. The Centre has debriefing rooms and a conference room with audiovisual links to the practice areas. All types of simulation modalities will be used there including standardized patients, task trainers, high fidelity simulation and surgical simulation. This Centre will provide the next generation of doctors, nurses, occupational therapists and physical therapists with unique educational opportunities to prepare them for the demands of clinical practice.

Lady Meredith House

1110 Pine Avenue West, Montreal, QC H3A 1A3
This building currently houses the Division of Experimental Medicine, the Centre for Medical Education, the offices of Occupational Health and Distance Education, as well as the Faculty Development Office and Continuing Medical Education.

Charles Meredith House

1130 Pine Avenue West, Montreal, QC H3A 1A3
This elegant building, built for Charles Meredith, houses the Institute for Health and Social Policy. The Occupational Health teaching program also has some faculty offices, student offices and teaching laboratories located there.

Purvis Hall

1020 Pine Avenue West, Montreal, QC H3A 1A2
Purvis Hall, one of several old mansions in the historic "Golden

Square Mile" of Montreal, is situated at the corner of Peel and Pine. This building is dedicated to the administrative offices, teaching and research activities of the Department of Epidemiology, Biostatistics, and Occupational Health.

Beatty Hall

1266 Pine Avenue West, Montreal, QC H3A 1A8
Built in 1912, this heritage building was designed by Hogle and Davis architectural firm. In 1946 it was acquired by McGill and currently houses the School of Communication Sciences and Disorders.

Davis House

3654 Promenade Sir-William-Osler, Montreal, QC H3G 1Y5
Built in 1909 for contractor James T. Davis, this heritage building, designed by architects Edward and W.S. Maxwell, houses teaching and research facilities of the School of Physical and Occupational Therapy.

Hosmer House

3630 Promenade Sir-William-Osler, Montreal, QC H3G 1Y5
Built in 1901, for Ogilvie Flour Mill founder Charles Hosmer, this heritage building and its coach house, designed by architect Edward Maxwell, houses teaching and research facilities of the School of Physical and Occupational Therapy.

Hosmer Annex

3541 de la Montagne, Montreal, QC
The School of Physical and Occupational Therapy occupies this building.

Hugessen House

3666 McTavish Street, Montreal, QC H3A 1Y2
The Department of Psychiatry occupies this building.

Wilson Hall

3506 University Street, Montreal, QC H3A 2A7
The School of Nursing shares this main campus building with the School of Social Work.

3647 Peel Street, Montreal, QC H3A 1X1

This building houses the Departments of Social Studies of Medicine and Biomedical Ethics.

515 - 517 Pine Avenue West, Montreal, QC H2W 1S4

The Department of Family Medicine occupies this building.

MACDONALD CAMPUS

Macdonald-Stewart Building

21,111 Lakeshore Rd., Ste. Anne de Bellevue, QC H9X 3V9
This building, completed in 1978, houses the administrative offices and laboratories for the School of Dietetics and Human and the Faculty of Agricultural and Environmental Sciences.

2.14.2 Hospitals

MCGILL UNIVERSITY TEACHING HOSPITALS

The teaching hospital network of McGill University is an integral part of the research, teaching, and clinical activities of the Faculty of Medicine. By agreement and tradition, the administration, medical staff, and scientific personnel of these institutions are closely integrated with McGill University and form the basis for the clinical departments of the Faculty of Medicine:

McGill University Health Centre (MUHC) /

Centre universitaire de santé McGill (CUSM) is a merger of five teaching hospitals affiliated with the Faculty of Medicine at McGill University. The activities of the MUHC are carried out at the following locations:

The Montreal Children's Hospital

2300 Tupper Street
Montreal, Quebec
H3H 1P3
Telephone: (514) 412-4400

The Montreal General Hospital

1650 Cedar Avenue
Montreal, Quebec

H3G 1A4
Telephone: (514) 934-1934

The Royal Victoria Hospital

687 Pine Avenue West
Montreal, Quebec
H3A 1A1
Telephone: (514) 934-1934

The Montreal Neurological Hospital

3801 University Street
Montreal, Quebec
H3A 2B4
Telephone: (514) 398-6644

The Montreal Chest Institute

3650 St-Urbain
Montreal, Quebec
H2X 2P4
Telephone: (514) 934-1934

Each year the MUHC receives almost one million ambulatory visits, 40,000 in-patient stays, and trains approximately 2,000 medical and surgical residents, nurses and students.

The MUHC has over 1,300 physicians and 10,000 health care and other personnel, working within the organization's six clinical missions-The Montreal Children's Hospital, Medicine, Surgery, Neurosciences, Mental Health, and Women's Health.

The **Research Institute of the MUHC** is a world-renowned biomedical and health-care hospital research centre. The institute supports over 500 researchers, nearly 1,000 graduate and post-doctoral students and operates more than 300 laboratories devoted to a broad spectrum of fundamental and clinical research. The Research Institute operates at the forefront of knowledge, innovation and technology and is inextricably linked to the clinical programs of the MUHC, ensuring that patients benefit directly from the latest research-based knowledge.

A central future goal of the MUHC is to consolidate services on two campuses; this will involve modernization of the downtown Montreal General Hospital and the building of a new facility at the Glen Yard-a 43-acre site located in central Montreal. This two-campus redevelopment project will consolidate our patient care, research and teaching activities and support our continued excellence. **For more information about the MUHC, please visit our website at www.muhc.ca.**

There are three other principal teaching hospitals:

Sir Mortimer B. Davis – Jewish General Hospital is located at 3755 Côte Ste-Catherine, Montreal, QC H3T 1E2.

Since 1934, the Sir Mortimer B. Davis - Jewish General Hospital has served patients from diverse religious, linguistic and cultural backgrounds in Montreal, throughout Quebec and beyond. As one of the province's largest acute-care hospitals, this 637 bed McGill University teaching hospital admits more than 22,000 patients per year, while handling approximately 300,000 outpatient visits, 62,000 emergency visits and 3,700 births. The JGH is widely recognized for excellence in various specialties, including oncology, cardiology, neonatology, orthopedics, family medicine, aging and emergency medicine. As a result, the hospital has been designated by the government of Quebec as one of Montreal's five major service centres; a provincial centre for high risk obstetrical and neonatal care; and a breast referral and investigation centre. Treatment is provided by approximately 550 affiliated doctors-with teaching appointments at McGill University-as well as 300 medical residents per year. The Jewish General Hospital carries out more than 22% of the training for McGill's Faculty of Medicine and is home to several of the university's programs, including the McGill AIDS Centre, the McGill Centre for Translational Research in Cancer, the McGill Head and Neck Surgery and Oncology Program, and the McGill Menopause Clinic. The hospital's Lady Davis Institute for Medical Research is acknowledged as a world leader in many fields of investigation, including cancer (the Terry Fox Molecular Oncology Group), aging (the Bloomfield Centre for

Studies in Aging), epidemiology (the Centre for Clinical Epidemiology and Community Studies), nursing (the Centre for Nursing Research), AIDS, cardiovascular disease, genetics, emergency medicine, nephrology, and the psychosocial aspects of illness. The outstanding quality of this work has enabled the Lady Davis Institute to attract more funding per researcher than any other hospital affiliated research institution in Quebec. More information is available at www.jgh.ca.

St. Mary's Hospital Centre is located at 3830 Lacombe Avenue, Montreal, QC H3T 1M5.

St. Mary's is an acute care specialized hospital with 316 adult beds and 65 bassinets. About 3,600 babies are delivered annually at the Hospital. There is a progressive and active Family Medicine Centre recognized for its teaching. The Emergency Department is very busy and supervised by a staff physician 24 hours per day. The Hospital also provides numerous highly specialized services such as renal dialysis, oncology, organized geriatric and psycho-geriatric, nuclear medicine, C.T. scanning services as well as MRI exams. There are approximately 49,000 out-patient clinic visits, 5,000 procedures through the surgical day center, and over 15,000 patient admissions and 119,00 ambulatory care visits annually. The Hospital is noted for its devotion to patients, motivation to the achievement of excellence, and good spirit.

Douglas Hospital is located at 6875 LaSalle Boulevard, Borough of Verdun, Montreal, QC H4H 1R3.

Founded 125 years ago (1881-2006), the Douglas Hospital is a University Institute in Mental Health with a triple mission of care, research, and teaching. A member of the McGill Integrated University Health Network (RUIS McGill) and affiliated with the World Health Organization, it offers hospitalization and extensive out-patient ultraspecialized services.

The Hospital provides child and adolescent, adult, and geriatric clinical services, and is dedicated to treating patients in the least restrictive manner possible, with a major focus on rehabilitation and successful reintegration into the community. It offers training for residents in psychiatry, as well as for medical and paramedical students from a wide range of disciplines. The Douglas Hospital Research Centre is the second largest in the country, with a team of over 60 scientists and clinical researchers and 180 university students. This team is devoted to making better sense of the causes of mental disorders – whether genetic, environmental, cultural or social – as well as developing diagnostic tools, treatments and prevention methods. Also, the Research Centre is home to McGill University centres in schizophrenia, aging and suicide as well as the Montreal Pan American Health Organization/World Health Organization Collaborating Centre for Reference and Training in Mental Health, which offers consultation services, research and teaching programs here and abroad.

HOSPITALS AFFILIATED WITH MCGILL UNIVERSITY

The following hospitals have been approved by, and have contracted with, McGill University for participation in teaching and research in one or more departments and services:

CSSS de Gatineau

Gatineau-Hull, QC

Jewish Rehabilitation Hospital

3205 Place Alton Goldbloom, Laval, QC H7V 1R2

LaSalle General Hospital

8585 Terrasse Champlain, LaSalle, QC H8P 1C1

Maimonides Hospital Geriatric Centre

5795 Ave. Caldwell, Montreal, QC H4W 1W3

Shriners Hospital For Children

1529 Cedar Avenue, Montreal, QC H3G 1A6

2.14.3 Clinical Facilities for Dentistry

The McGill University McCall Dental Clinic is located in the Montreal General Hospital.

At the Clinic, Third and Fourth year students in the undergraduate program are taught under the guidance of the dental staff to carry out all phases of clinical dentistry and related laboratory procedures. They attend this clinic daily except for such time as may be taken up by lectures or other University work.

The Montreal General Hospital offers the facilities of all departments in the hospital and allows the students to observe a wide variety of interesting and unusual cases under treatment.

2.14.4 Facilities for Human Nutrition

The Mary Emily Clinical Nutritional Research Unit is located on 7 Maple Street in Sainte-Anne-de-Bellevue.

The Unit was developed in 1995 with the objective to create a facility dedicated to in-patient human nutrition experimentation using precisely controlled diets. The Unit is housed in a detached 5,000 sq. ft. building located at the perimeter of the Macdonald Campus with easy access to the community at large. This Unit is capable of supporting 12 research subjects on an in-patient basis. The facility is unique in Canada, in that it allows strict, in-house monitoring and testing of research subjects over prolonged periods while they consume diets prepared in-house. The first floor houses a state-of-the-art metabolic kitchen to prepare foods in a controlled manner including sitting area for consumption of meals. The second floor houses an interview room to provide for attainment of written ethical consent/assent. A research/clinical assessment room is dedicated to procedures including blood sampling by a phlebotomy team or clinical staff in adults, infants and children. The Unit is a self-supporting initiative which is available for use by external researchers. For further information regarding collaborative or independent extramural research interests, contact the Director of the School of Dietetics and Human Nutrition.

2.14.5 Research Centres

Artificial Cells and Organs Research Centre

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

Website: www.artcell.mcgill.ca/

Fax: (514) 398- 7452

This Centre concentrates on interdisciplinary research on the application of artificial cells in medicine and biotechnology. The present research emphasis is on artificial cells, regenerative medicine, nanomedicine, enzyme replacement therapy, biotechnology, blood substitutes based on nanobiotechnology, biomaterials, bioencapsulation of enzymes, cells, micro-organisms, and stem cells, especially artificial cells containing bone marrow stem cells for liver regeneration. The members of this centre come from different specialties in McGill ranging from the basic science Departments of Physiology, Chemistry, Chemical Engineering and Biomedical Engineering to clinical divisions in the McGill teaching hospitals. The Centre Office is in the McIntyre Medical Sciences Building.

Biomedical Ethics Unit

3647 Peel Street, Montreal, QC H3A 1X1

Telephone: (514) 398-6980

Fax: (514) 398-8349

One of the responsibilities of this Unit, established in the Faculty of Medicine in June 1996, is that of providing and coordinating undergraduate and graduate teaching in bioethics and health law. This includes courses and electives for medical students; in-hospital courses, lectures and rounds for residents and those in allied 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 serv-

ices 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 four full-time and one part-time academic members located at the Unit, representing the disciplines of philosophy, religious studies, medicine, molecular biology 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

740 Dr. Penfield Avenue, Room 2200

Montreal, Quebec H3A 1A4 Canada

Tel: (514) 398-6028

Fax: (514)398-4020

Website: www.bone.mcgill.ca

The Centre for Bone and Periodontal Research was established in October 2001 to promote and facilitate research and training in the areas of bone, cartilage and periodontal disease. The Bone Centre currently represents the interests of more than 60 clinical and fundamental scientists across Canada, many of whom are recognized leaders in research pertaining to disorders such as arthritis, osteoporosis, metastatic and metabolic bone disease and developmental disorders of the skeleton and oral cavity.

The Bone Centre is managed and operated under the guidance of 15 investigators from McGill, Université de Montréal and École Polytechnique, who form the Research & Development Committee.

The Centre provides advanced instrumentation for hard tissue research, acts to increase the research capacity of its members and to translate advances into improved diagnosis, prevention and treatment of diseases involving the skeleton and oral cavity.

Centre for the Study of Host Resistance

Montreal General Hospital, 1650 Cedar Avenue, Room A6149, Montreal, QC H3G 1A4

The Centre brings together the major disciplines responsible for carrying out research in the field of Host Resistance. The mechanisms underlying both genetically-determined and acquired resistance to environmental stimuli which represent a threat to the host integrity and which can lead to the development of a broad range of abnormalities are studied. Rational approaches towards the identification of susceptible individuals and the prevention and correction of their genetically-determined or acquired defects are explored. Centre faculty specialize in research and in providing graduate and postgraduate training in the following fields: Genetic Epidemiology, Genomics, Molecular Immunology and Cell Biology, and Immunoparasitology. The efforts of the Centre have been recognized in the National Centres of Excellence, in which the Centre is a principal domain in the Network entitled: "Genetic Basis for Human Disease".

Centre for Translational Research in Cancer

Sir Mortimer B. Davis – Jewish General Hospital

3755 Côte Ste-Catherine, Room D127, Montreal, QC H3T 1E2

The aim of the Centre is to facilitate the translation of the exciting novel findings made in fundamental laboratories into testable hypotheses for evaluation in clinical trials in oncology. There are currently extremely high quality clinical research activities at McGill, and the fundamental investigations of cancer biology by McGill scientists are recognized worldwide. The Centre provides the infrastructure to bring these investigators together in order to synergize their efforts at generating novel and promising translational research. This provides a structured focus for these

activities and will accelerate the testing of potential benefits derived from scientific discovery.

The Centre provides core functions to enhance translational research, including a Tissue Bank, Clinical Research Unit, and a Molecular Modeling Program. The unique interaction of clinician-scientists and Ph.D. researchers provides an important strength to novel therapeutic development programs. There is significant interaction with biotechnology and the pharmaceutical industry.

The Centre provides a high quality environment for training clinician-scientists in cancer research. The trainees include both graduate students (Experimental Medicine, Pharmacology and Therapeutics, Pathology) as well as Ph.D. and M.D. scientists interested in postdoctoral experience in working specifically on clinically oriented or relevant models or problems.

Centre for Research on Language, Mind and Brain

1266 Pine Avenue West
Montreal, QC H3G 1A8

Website: www.crlmb.mcgill.ca

The multidisciplinary Centre for Research on Language, Mind and Brain brings together investigators from four faculties at McGill with the goal of advancing our understanding of the processes of speech and language that extends from the theoretical (e.g., theories of language structure, neural processing) to the applied (e.g., bilingual and second language learning, clinical intervention for speech and language disorders). Research domains include speech science modeling and analysis, the neural bases of language, language acquisition, and visual language processing, among others. The Centre provides an interdisciplinary training environment for undergraduate and graduate students, as well as postdoctoral fellows.

McGill AIDS Centre

Lady Davis Institute, Jewish General Hospital,
3755 Côte Ste.-Catherine, Room 318, Montreal, QC H3T 1E2

The McGill AIDS Centre coordinates, facilitates and promotes teaching, research and treatment activities, relating to HIV infection and AIDS, at McGill University and its affiliated teaching hospitals. McGill University has been among the foremost institutions in Canada to study and treat HIV infection and AIDS. McGill scientists, researchers, and clinicians have carried out work in every area of this health problem. The Centre firmly believes that the study and treatment of HIV infection and AIDS must be interdisciplinary, and thus the fields of medical science and social science must complement each other. The Centre enhances this work by helping researchers, scientists and clinicians at McGill to carry out the complex research that is needed to understand, prevent and treat HIV infection. Educational and training activities will be augmented to ensure there is sufficient manpower for the growing HIV epidemic. The care and treatment of persons who are infected with HIV or who have developed AIDS will be enhanced through coordination of these activities at McGill hospitals and clinics. Further the Centre will provide a forum for the input and participation by people with HIV infection or with AIDS in this research, teaching, and care.

McGill Cancer research Group

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

The mission of the McGill Cancer Research Group is two fold: to bring together internationally renowned scientists devoted to cancer research and provide them with state of the art resources so that they can fully contribute to the worldwide effort of developing novel approaches for the improvement of the diagnosis, treatment 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 elderly; iii) to transfer the newly created knowledge to those institutions and organizations actually giving service and care to the aged; and iv) to identify those parts of the aging process which are preventable or capable of being modified, to assist the individual aged person in coping with the problems of being elderly and ultimately, through those processes, to benefit mankind.

McGill Nutrition and Food Science Centre

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

Established in 1982 in recognition of the increasing importance of nutrition in clinical medicine, the Centre has a four-fold function. The first is the development and integration of research at the basic and clinical level, involving investigators at the Crabtree Laboratory of the Centre at the Royal Victoria Hospital, and at other locations in the University, and to encourage existing faculty to interact in nutrition-related investigations. The second function is the provision of opportunities for graduates in medicine, nutrition and other disciplines to do graduate and postdoctoral research in the laboratories of full-time and associate members. The third is to provide contemporary nutrition teaching at the relevant levels of the medical curriculum, during residency training and thereafter. The Centre is committed to providing reliable information to the public on nutrition-related matters. Finally, nutrition consulting activities in the clinical setting are supported and further developed. The Centre is administratively related to the Faculty of Medicine, Faculty of Agriculture and Environment Services and the School of Dietetics and Human Nutrition.

Centre for Medical Education

Lady Meredith House, 1110 Pine Avenue West
Montreal, Quebec, H3A 1A3

Centre Vision

The McGill Centre for Medical Education strives to promote excellence and scholarship across the continuum of health professional education.

Centre Mission

The McGill Centre for Medical Education aims to serve as a resource for curriculum development and innovation; stimulate interest in educational research and development; advance the field of health professional education through scholarship; and ensure that research informs educational practice.

Members of the Centre for Medical Education, who represent diverse backgrounds and disciplines, are involved in:

- Educational planning, curriculum design and program evaluation
- Faculty development and educational consultations
- Research in health professional education
- Mentorship of students, residents, fellows and colleagues
- Dissemination of educational innovations and research findings

Members of the Centre for Medical Education collaborate with individuals, departments and other organizations to advocate for excellence in teaching and learning, scholarship at all levels of the educational continuum, and improved health care.

Centre for Research on Pain

Stathcona Anatomy and Dentistry Building
3640, University Street, Montreal, Quebec, H3A 2B2

Pain research at McGill University is carried out by the McGill Centre for Research on Pain, which comprises researchers from the Faculties of Medicine, Dentistry and Science. The main goal of the Centre is to bring together the McGill community of basic and clinical pain researchers to promote research that will result in cures for chronic pain. Through its own activities and international collaborations, the Centre focuses on new discoveries and their clinical applications that will improve the prevention and treatment of chronic pain.

2.14.6 Libraries

All of the McGill University libraries are available to health sciences users but two of them are likely to be of particular interest. These are the Life Sciences Library and the Osler Library of the History of Medicine, both situated in the McIntyre Medical Sciences Building and the Macdonald Campus Library, which is a primary resource for Dietetics and Human Nutrition users.

Life Sciences Library

The Life Sciences Library was founded in 1823, making it the oldest health sciences library in Canada. The Library contains about 290,000 volumes and it receives about 1000 current print journal titles. In addition to print, the Library licenses access to a variety of electronic resources, including over 4,300 journals, 400 books and several clinical tools. Access to licensed electronic resources is available to all McGill faculty, staff and students.

The Library is a major resource for teaching, research and clinical care in communication sciences and disorders, dentistry, medicine, nursing, biology, and physical and occupational therapy. The Library is noted for its strong retrospective collection of books and journals. Information on the library collections and services can be found at www.health.library.mcgill.ca.

The Library is open to all who need to use its collections. Borrowing privileges are extended to all McGill faculty, staff and students. The Library's hours vary throughout the year and are available on the website noted above or by telephoning (514) 398-4475. It should be noted that only holders of valid McGill ID cards can access the Library during weekend or evening hours.

Osler Library of the History of Medicine

The Osler Library of the History of Medicine, which opened in 1929, is physically and intellectually connected to the Life Sciences Library. The Library has as its nucleus the 8,000 volumes willed to McGill University in 1919 by Sir William Osler (one of its most famous pupils and teachers). The collection now totals over 55,000 volumes as Sir William's original gift has been augmented by transfers from the Life Sciences Library, by other gifts and bequests and by an active purchasing program. The Library is supported by a Friends group, publishes a Newsletter, available at the website noted above and offers an annual research travel grant.

The Osler Library is open to all who wish to consult its collections and current material is available for loan. Borrowing privileges are extended to all McGill faculty, staff and students. The Library is open only on weekdays from 9:00 to 5:00 and in July and August is also closed on Fridays.

2.14.7 Computing Facilities**2.14.7.1 IST Customer Services (ICS)**

McGill ICS provides technical support for the following student services: E-mail, Dialup Access Service (DAS), Virtual Private Network (VPN), REZ Voice and Data Service (post-installation), Wireless Network and WebCT.

They may be reached on-line via the Virtual Help Desk at www.mcgill.ca/ics/vhd or by phone at (514) 398-3398, or in person at Burnside Hall in room 112.

2.14.7.2 Network and Communications Services (NCS)

McGill NCS provides data services including access to Local Area Networks (LANs), remote access to all McGill computer systems using either dial-up access modems or remote cable/DSL modems in combination with VPN, the Internet, e-mail, McGill central systems, and the McGill University website — all from virtually anywhere on campus (wired or wireless) and remotely. They also provide voice service (with long distance and voice mail) to students in McGill Residences. The website at www.mcgill.ca/ncs lists products and services offered by McGill NCS.

2.14.7.3 WebCT

WebCT is McGill's on-line course management system. WebCT is used in a large number of McGill courses. Currently most of them are taught in a hybrid fashion with WebCT serving as a component within a traditional class structure. As an on-line environment, WebCT provides key tools for extending the educational experience. Students can access content in various forms, post assignments, take quizzes and participate in on-line discussions.

The WebCT Student Resources website at www.mcgill.ca/webct/students provides an overview of WebCT tools, task-oriented how-tos and general advice for student success with educational technology. Help is available on-line via the Virtual Help Desk at www.mcgill.ca/ics/vhd and by phone at (514) 398-3398.

2.14.7.4 Computer Labs

The computer labs are provided by many faculties and departments for students in their programs. A list of these labs can be found at www.mcgill.ca/index/computer. Check the unit listings or contact the unit directly for information concerning facilities and accessibility.

2.14.7.5 Instructional Multimedia Services

Instructional Multimedia Services (IMS) provides services related to the use of technology in teaching. It is McGill's central facility for the loan of audiovisual equipment and support for video production.

The IMS Audiovisual Arrangements Section located in the lobby of the Redpath Library and the IMS office at the Macdonald Campus house a full range of audio, video, computer, and projection equipment available for loan to McGill students. Equipment is provided free of charge for credit course activities. Training in equipment use is available and advance reservations are highly recommended. Further details are available on the IMS website, www.mcgill.ca/ims/aa/el.

The IMS also maintains two video editing suites available for staff and students who wish to produce their own programs. These suites are self-instructional, and sessions should be reserved in advance. For more information or to reserve a session, please contact the IMS Main Office, 688 Sherbrooke St. W., Suite 1600, (514) 398-7200.

2.15 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 30,000 students are taking credit courses; one in four is registered in Graduate Studies.

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

2.16 Incorporated and Affiliated Colleges

INCORPORATED COLLEGE

Royal Victoria College

3425 University Street, Montreal, QC H3A 2A8

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

AFFILIATED THEOLOGICAL COLLEGES

Montreal Diocesan Theological College

3473 University Street, Montreal, QC H3A 2A8

Principal: J. M. Simons; B.A.(Bishop's), S.T.B.
(Trin. Coll., Tor.), Ph.D.(G'town)

Presbyterian College of Montreal

3495 University Street, Montreal, QC H3A 2A8

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

United Theological College of Montreal

3521 University Street, Montreal, QC H3A 2A9

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

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

2.17 University Government

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

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

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

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

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

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

2.18 Recognition of Degrees

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

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

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

2.19 Board of Governors

(As of January 2006)

VISITOR

The Governor General of Canada

Her Excellency The Right Honourable Michaëlle Jean

BOARD OF GOVERNORS

Robert Rabinovitch
Richard W. Pound
Heather Munroe-Blum

Chair
Chancellor
Principal and Vice-Chancellor

Members

Roshi Chadha
 Lili de Grandpré; B.A.(W. Ont.), M.B.A.(McG.)
 Kappy Flanders
 Trevor Garland; B.Sc.(McG.)
 Marie Giguère; B.A.(Mtl.), B.C.L.(McG.)
 Kohur GowriSankaran; B.A., M.A.(Mad.), Ph.D.(Bombay)
 Daniel Guitton; Dipl. IVK(U. Libre de Brux.), B.Eng., M.Eng.,
 Ph.D.Eng., Ph.D.Physiol.(McG.)
 Eric Maldoff; B.A., B.C.L., LL.B.(McG.)
 Sally McDougall; B.Sc., Dip.Ed.(McG.)
 Michael Meighen; B.A.(McG.)
 Jan Peeters; B.Eng.(McG.)
 Gary Pekeles; B.Sc.(McG.), M.Sc.(McG.), MDCM(Baylor)
 Robert Rabinovitch; B.Com.(McG.), M.A., Ph.D.(Penn.)
 Maria Ruocco
 Michael Richards; B.A., B.C.L.(McG.)
 Nigel Roulet; B.Sc.,M.Sc.(Trent), Ph.D.(McM)
 Gerald Sheff; B.Arch., M.B.A.
 James Wright; B.A., B.C.L.(McG.)

Student Representatives

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

2.19.1 Members of Senate

EX-OFFICIO

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

Elected Members

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

2.19.2 Administrative Officers

Richard W. Pound; O.C., O.Q., Q.C., C.A., B.Com.(McG.),
 B.A.(Sir G.Wms.), B.C.L.(McG.) **Chancellor**
 Robert Rabinovitch; B.Com.(McG.), M.A., Ph.D.(Penn.)
Chair of the Board of Governors
 Heather Munroe-Blum; O.C., B.A., B.S.W.(McM.),
 M.S.W.(W.Laur.), Ph.D.(N.Carolina) **Principal and Vice-
 Chancellor**
 Anthony Masi; A.B.(Colgate), Ph.D.(Brown) **Provost**
 Morty Yalovsky; B.Sc., M.Sc., Ph.D.(McG.) **Vice-Principal
 (Administration and Finance)**
 Ann Dowsett-Johnston; B.A. (Queen's) **Vice-Principal
 (Development, Alumni and University Relations)**
 Denis Thérien; B.Sc.(Montr.), M.Sc., Ph.D.(Wat.)
Vice-Principal (Research and International Relations)
 Richard I. Levin; B.Sc.(Yale); M.D.(NYU) **Vice-Principal (Health
 Affairs)**
 TBA **Vice-Principal (Institutional Relations)**
 Dr. Chandra Madramootoo **Associate Vice-Principal
 (Macdonald Campus)**

Jennifer Robinson **Associate Vice-Principal
 (Communications)**
 Johanne Pelletier; B.A., M.A.(McG.) **Secretary-General**
 Morton Mendelson; B.Sc.(McG.), Ph.D.(Harv.)
Associate Provost (Academic Programs and Services)
 Jacques Hurtubise; B.Sc.(Montr.), D.Phil.(Oxf.) F.R.S.C.
Interim Deputy Provost
 James Nemes; B.Sc.(Md.), M.Sc., D.Sc.(GWU) **Interim Dean
 (Graduate and Postdoctoral Studies)**
 Janusz Kozinski; B.A.(Wysinski), M.Eng., Ph.D.(Acad. M&M,
 Poland) **Associate Vice-Principal (Research)**
 TBA **Dean of Students**
 Sylvia Franke; LL.B., B.Sc.(Tor.) **Registrar and
 Executive Director of Admissions,
 Recruitment and Registrar's Office**

2.19.3 Deans, Directors of Schools and Libraries

Deans

Chandra Madramootoo; B.Sc., M.Sc., Ph.D.(McG.)
Agricultural and Environmental Sciences
 Christopher Manfredi; B.A., M.A.(Calg.), M.A., Ph.D.(Claremont)
Arts
 TBA **Continuing Education**
 James Lund; B.D.S.(Adelaide), Ph.D.(W.Ont.) **Dentistry**
 Roger C. Slee; B.A.(Qld.), M.A., Ph.D.(La Trobe) **Education**
 Christophe Pierre; M.Sc.(Princ.), Ph.D. (Duke) **Engineering**
 James Nemes; B.Sc.(Md.), M.Sc., D.Sc.(GWU) **Graduate and
 Postdoctoral Studies - Interim**
 Nicholas Kasirer; B.A.(Tor.), B.C.L., LL.B.(McG.) **Law**
 Peter Todd; B.Com.(McG.), Ph.D.(Br.Col.) **Management**
 Richard I. Levin; B.Sc.(Yale); M.D.(NYU) **Medicine**
 Donald McLean; Mus.Bac., M.A., Ph.D.(Tor.) **Music**
 B. Barry Levy; B.A., M.A.(Yeshiva), Ph.D.(N.Y.U.)
Religious Studies
 Martin Grant; B.Sc.(PEI), M.Sc., Ph.D.(Tor.) **Science**
 Linda Jacobs Starkey; B.Sc.(Mt. St. Vincent), M.Sc., Ph.D.(McG.)
Dean of Students- Interim
Directors of Schools and Libraries
 David Covo; B.Sc.(Arch.), B.Arch.(McG.), F.R.A.I.C., O.A.Q.
Architecture
 Shari R. Baum; B.A.(C'nell), M.S.(Vt.), M.A., Ph.D.(Brown)
Communication Sciences and Disorders
 Sue Whitesides; M.Sc.(Stan.), Ph.D. (Wisc.) **Computer Science**
 Kristine G. Koski; B.Sc., M.Sc.(Wash.), Ph.D.(Calif.)
Dietetics and Human Nutrition
 Nigel Roulet; B.Sc.,M.Sc.(Trent), Ph.D.(McM) **Environment**
 France Bouthillier; B.Ed.(Que.), M.S.BI.(Montr.), Ph.D.(Tor.)
Library and Information Studies
 Hélène Ezer; B.Sc.,M.Sc.(McG.), Ph.D.(Montr.) **Nursing**
 Maureen J. Simmonds; Dip. P.T.(Wolverhampton), B.Sc.(P.T.),
 M.Sc.(P.T.), Ph.D.(Alta.) **Physical and Occupational
 Therapy**
 Wendy Thomson; B.S.W., M.S.W.(McG.), Ph.D.(Brist.)
Social Work

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

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

3 Faculty of Dentistry

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Telephone: (514) 398-7203
 Fax: (514) 398-8900
 Fax: (Admissions) (514) 398-2028
 E-mail: undergrad.dentistry@mcgill.ca
 Web site: www.mcgill.ca/dentistry

3.1.2 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)**
 Patricia Bassett **Admissions & Student Affairs Officer**

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
 Irwin Margolese, 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

3.1.3 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 located on Phillips Square. This College became associated with Bishop's University in Lennoxville, Quebec, four years later as a department in the Faculty of Medicine of that University, but remained situated in Montreal. In this way the clinical training was provided by the College and the academic training by the University. The first Doctor of Dental Surgery (D.D.S.) degree in the province of Quebec was granted by Bishop's University.

The McGill Dental School was established in June 1904 as a department in the Faculty of Medicine and continued as such until 1920 when it became known as the Faculty of Dentistry.

The Faculty of Dentistry has always been closely associated with the Montreal General Hospital, where the clinical teaching in the Faculty is mainly carried out along with rotations to other teaching hospitals. The preclinical teaching laboratory is housed in the Strathcona Anatomy and Dentistry Building on campus. The basic science subjects are taught in conjunction with the Faculty of Medicine during the first 18 months of the program.

To reflect the increase in curricular content of basic science and medical courses in recent years, the Faculty requested that the degree program be renamed. The change, to Doctor of Dental Medicine (D.M.D.), received University approval in the Spring of 2000.

3.1 The Faculty

3.1.1 Location

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

3.2 General Information

3.2.1 Admission Procedures and Requirements

The application for admission to the Faculty of Dentistry for the academic year 2007-08 will be available on-line in the fall of 2006 at www.mcgill.ca/applying. Please consult this site, or the Faculty of Dentistry site www.mcgill.ca/dentistry, for the most recent application procedures.

Applicants who do not have access to the Web may contact the Administrative Assistant (Student Affairs) of the Faculty for information.

As the number of students in each class is limited, application should be made early. All documents, including transcripts and letters of recommendation, must be submitted by the deadlines given below. Each application must be accompanied by a non-refundable fee of \$60 paid by credit card when applying via the Web or, if applying on a printed form, in the form of a certified cheque or money order payable to McGill University.

The results of all prerequisite subjects *must* be submitted to this Faculty prior to *June 1* for August registration.

Canadian applicants are required to take the Canadian Dental Association Aptitude Test (DAT) and have the results sent to the Faculty. Students applying for admission to the four-year program in 2006 must complete this Test in the Fall *prior* to December 1, 2005. CEGEP students are not required to take the DAT to be considered for admission into the five-year Dent-P program; but will be required to take the DAT during the science year before entering the first year of the dental program. The Test should be retaken if it was written more than three years before the date of application. Detailed information may be obtained from the Administrator, Dental Aptitude Test Program, The Canadian Dental Association, 1815 Alta Vista Drive, Ottawa, ON, K1G 3Y6, or on their Web site at www.cda-adc.ca.

Candidates applying from the United States may take the American Dental Association Aptitude Test and have the results sent to the Faculty of Dentistry.

Candidates who have studied in a foreign country must have their transcripts evaluated by either the ECE (Educational Credential Evaluators), www.ece.org or WES (World Education Services), www.wes.org.

Final decisions are based on transcripts, DAT results, reference letters, autobiographical letter and interview.

For students accepted into the four-year program, notification of acceptance must be accompanied by a deposit of \$2,000 (Canadian), which will be applied against tuition. Fifty percent (50%) of the deposit fee is refundable up to June 15, 2007.

For students accepted into the Dent-P program, notification of acceptance of the offer must be accompanied by a deposit of \$1,000 (Canadian), which will be applied against tuition. The deposit is refundable up to June 15, 2007.

Deadlines for receipt of applications for admission to the 2007-08 academic year are:

November 15 –
for applicants whose residence is outside the province of Quebec.

January 15 –
for residents of Quebec applying to the four-year program.

March 1 –
for residents of Quebec applying to the Dent-P program.

3.2.1.1 Four-Year Program

Applicants to the four-year program must have an undergraduate Cumulative Grade Point Average (CGPA) of 3.5 or better on a 4.0 scale.

Applicants must have received an undergraduate degree, or be in the final year of a course of study at a recognized college or university leading to an undergraduate degree consisting of 120 credits over eight terms following completion of high school. However, students who have received a diploma of collegial studies

(CEGEP) in the Province of Quebec must have completed 90 credits (six terms) in a Quebec university to obtain the required degree. Similarly, Quebec residents who, having received credit for their diploma of collegial studies, elect to complete their undergraduate degree outside the Province of Quebec (other Canadian provinces, U.S.A. or elsewhere) will be required to complete an undergraduate degree with a minimum of 90 credits (six terms) at the non-Quebec university to be eligible to apply. Students who fail to complete a DEC before transferring to a non-Quebec university must complete a four-year degree. Successful candidates must be in receipt of the bachelor's degree by the time of registration for the first year of the dental curriculum.

Although the Faculty attempts to ensure by means of the specific requirements listed below that all students have an adequate preparation in science, it also wishes to encourage students from a variety of backgrounds to select dentistry as a career. Prospective applicants are therefore advised to pursue courses of study, whether in the natural or social sciences or the humanities, which appeal to them and which have as their aim a broad education and intellectual training rather than merely anticipating the dental curriculum. In all programs of study, to be admissible, prospective applicants should have carried a full load of courses. Official transcripts must have numerical or letter grades. Narrative transcripts are not acceptable.

Specific requirements

One year (two terms) of university level courses in each of the following courses, with laboratory:

- General Biology
- General Chemistry
- Organic Chemistry
- Physics

It is important to note that in all of the above courses Pass/Fail grades are not acceptable.

Prerequisite courses completed more than eight years ago must be repeated. Exception may be made for applicants with advanced degrees in the material concerned.

University-level courses in biochemistry, cell and molecular biology, and physiology are strongly recommended.

3.2.1.2 Five-Year Program (Dent-P)

Prospective applicants who are citizens or Permanent Residents of Canada living in the province of Quebec and who are enrolled in the second and final year of the Sciences Profile of the Quebec Colleges of General and Professional Education (CEGEP) are eligible to apply for the five-year program.

Overall average, science course average, and individual course marks as well as the *cote de rendement au collégial* (*cote r*) is used in making the final decisions. A *cote r* of 32,000 or higher would be considered competitive.

Required courses are:

- Biology – 00UK, 00XU
- Chemistry – 00UL, 00UM, 00XV
- Mathematics – 00UN, 00UP
- Physics – 00UR, 00US, 00UT

Recommended course:

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.

These students must fulfil the requirements for, and make application to, the four-year program.

In the first dental preparatory (Dent-P) year, the students are registered in the Faculty of Science. In addition to completing the specific requirements for entry into the four-year program, they must take a number of elective courses selected for the purpose of broadening and enriching their education.

It should be noted that there are more applicants for the five-year program than can be accepted. Unsuccessful applicants are ordinarily well qualified for admission into other undergraduate degree programs at McGill (e.g., B.A., B.Sc.). All applicants are advised to make application for an alternate program.

A student accepted to the five-year program will be required to register for a full year in the Faculty of Science. In that year, the student must take courses totalling 30 credits. Following the successful completion of this year, determined by a Student Promotions Committee, students will proceed into the first year of the four-year program. Students must obtain a minimum cumulative GPA of 3.5 with all individual marks "B" or higher.

Required Courses (6 credits)

BIOL 200 (3) Molecular Biology

BIOL 201 (3) Cell Biology and Metabolism

Elective Courses (24 credits)

preferably in Humanities.

A student who has not taken Chemistry 302 in CEGEP will also be required to take an equivalent Organic Chemistry course.

3.2.2 Entrance to Advanced Standing/ Foreign Trained Dentists and Transfer Applicants

Foreign Trained Dentists

Students who have received their dental degree from a non-Canadian university should contact the Association of Canadian Faculties of Dentistry, 100 Bronson Avenue, Suite 204, Ottawa, ON K1R 6G8 or refer to their Web site www.acfd.ca for information concerning the Qualifying Programs or special programs which are offered at some Canadian dental schools. McGill University does not offer a qualifying program.

Applicants who have completed a dental or medical degree at a non-Canadian or non-American university may apply for advanced standing. They will be required to pass the first part of the American Dental Board Examination as well as the ACFD/AFDC Eligibility Examination prior to submitting an application and must also take an English Language Examination (TOEFL). Final decisions are partially based on these three exams.

Students who are presently enrolled in a faculty of dentistry in Canada or the United States may be considered for entry into the third year of the D.M.D. program if:

1. they have completed or will have completed at least two years of the D.M.D./D.D.S. program;
2. they are ranked highly in their current program;
3. they have passed the first part of the American Dental Board Examination.

The Compulsory Immunization Program, see [section 2.1.9 "Vaccination/Immunization Requirements"](#), is required for all Advanced Standing applicants.

As well, Advanced Standing students will be expected to purchase a complete McGill Instrument Kit prior to entrance.

Consideration for advanced standing may be requested but will only be granted if space is available.

3.2.3 Professional Practice

Applicants are reminded that a university degree in dentistry does not in itself confer the right to practise the profession of dentistry. It is necessary to comply with the dental laws of the country, province or state in which one proposes to practise. Students, therefore, are advised to register their qualifications at the beginning of

their university course with the licensing body in the area in which they intend to practise.

3.2.4 Licensure Requirements

3.2.4.1 Province of Quebec

Candidates who have successfully completed the regular program of the Faculty of Dentistry, McGill University, may be eligible for licensure. In order to practise in the Province of Quebec, candidates must successfully complete the comprehensive examinations held conjointly with the National Dental Examining Board of Canada and l'Ordre des Dentistes du Québec and meet the French language requirement for professionals, see [section 2.9.1 "Language Requirements for Professions"](#). Candidates who wish to practise elsewhere in Canada must also successfully complete the National Dental Examining Board comprehensive examinations.

3.2.4.2 Provincial Dental Boards

Students are advised to write to the addresses listed below for information whenever they are in doubt as to the regulations of any province in Canada.

Alberta – Executive Registrar, Alberta Dental Association, 101- 8230 105th Street, Edmonton, AB, T6E 5H9

British Columbia – Registrar, College of Dental Surgeons of British Columbia, 500-1765 West 8th Avenue, Vancouver, BC, V6J 5C6

Manitoba – Registrar, Manitoba Dental Association, 103-698 Corydon Avenue, Winnipeg, MB, R3M 0X9

New Brunswick – Registrar, New Brunswick Dental Society, 520 King Street, Suite 820, P.O. Box 488, Station A, Fredericton, NB, E3B 4Z9

Newfoundland – Registrar, Newfoundland Dental Board, 139 Water Street, 6th Floor, St. John's, NF, A1C 1B2

Nova Scotia – Registrar, Provincial Dental Board of Nova Scotia, 5991 Spring Garden Road, #602, Halifax, NS, B3H 1Y6

Ontario – Registrar, Royal College of Dental Surgeons of Ontario, 5075 Yonge Street, Suite 405, Toronto, ON, M2N 6C6

Prince Edward Island – Registrar, Dental Association of Prince Edward Island, 184 Belvedere Avenue, Charlottetown, PE, C1A 2Z1

Quebec – Executive Director and Secretary, Ordre des Dentistes du Québec, 625 René-Lévesque Boulevard West, 15th floor, Montreal, QC, H3B 1R2. Web site: www.odq.qc.ca

Saskatchewan – Registrar, College of Dental Surgeons of Saskatchewan, 202-728 Spadina Crescent East, Saskatoon, SK, S7K 4H7

3.2.4.3 National Dental Examining Board of Canada

The National Dental Examining Board of Canada issues, after an examination, a certificate to successful candidates which may be registered with the Canadian provincial licensing boards for the purpose of securing a licence to practise.

Candidates must hold a degree in dentistry from a school of dentistry approved by the Council on Education of the Canadian Dental Association at the time of graduation; or be certified by the Dean or Registrar of a University as a bona fide senior year student of an approved dental school.

Further information may be obtained from the Registrar, National Dental Examining Board of Canada, 100 Bronson Avenue, Suite 203, Ottawa, ON, K1R 6G8. Telephone (613) 236-5912. Web site: www.ndeb.ca

3.2.4.4 National Dental Examining Board of the U.S.

Students intending to practise in the United States are advised to contact the Secretary, Council of the National Board of Dental Examiners, American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611. Web site: www.ada.org

Information should also be obtained from the Secretary of the licensing board of the specific state in which the student intends to practise.

3.2.5 Registration

New Students

All students entering the four-year program in 2006-07 must initiate registration on the Web by adding the registration course REGN-RCDE on Minerva.

The Minerva Registration period for newly admitted Dentistry students is August 3 - August 15, 2006.

In order for the official registration in the D.M.D. program at McGill to be confirmed, the student must also present him or herself, with proper documentation, at the Faculty Registration and Orientation on Tuesday, August 15, 2006. ATTENDANCE IS COMPULSORY. Failure to attend will result in cancellation of the student's offer of admission to the program and registration.

For further information, consult the Web at www.mcgill.ca/minerva and the registration information being mailed to incoming students in June.

Returning Students

All returning students must register for 2006-07 on the Web by adding the registration course REGN-RCDE on Minerva. Returning students must register by the deadline specified or pay the appropriate late registration fees.

For further information, consult the Web at www.mcgill.ca/minerva and the registration information mailed to returning students in early April.

Please note that Minerva will be closed to returning students for registration and course change from Thursday, August 3 to Monday, August 10 inclusive.

3.2.6 Compulsory Immunization Program

The compulsory vaccination/immunization requirements for students registered in the Faculty of Dentistry in the DMD program, Multidisciplinary Residency Program and M.Sc. in Dental Sciences, option in Oral and Maxillofacial Surgery are described in the General Information section, under Vaccination/Immunization Requirements, [section 2.1.9 "Vaccination/Immunization Requirements"](#).

3.3 Scholarships, Awards and Financial Aid

3.3.1 Entrance Scholarships

Each year a limited number of Entrance Scholarships are awarded to students of high academic standing. Applicants must be entering a university for the first time to undertake a full-time undergraduate degree program.

Full information concerning undergraduate scholarships and bursaries are given in the *Undergraduate Scholarships and Awards Calendar* available on the Web at www.mcgill.ca/courses.

DR. YU-MING LAM SCHOLARSHIP, established in 1999 by Dr. Yu-Ming Lam (D.D.S. 1972) and family, in honor of Mr. Yin-Bun Lam, for students entering the four-year dentistry program. This scholarship will be awarded on the basis of high academic achievement by the Faculty of Dentistry and is renewable provided the holder maintains an academic standing established by the Faculty. Value: \$3,000.

PING KWAN LAU SCHOLARSHIP

劉秉鈞獎學金

Established in 1998 by Arthur Lau (B. Arch. 1962) and family in memory of his father, Ping Kwan Lau, for students entering the four-year dentistry program. This Scholarship will be awarded on the basis of high academic achievement, by the Faculty of

Dentistry with preference to international students and will be renewable provided the holder maintains an academic standing established by the Faculty. Value: \$3,500.

PHYLLIS BUTTERWORTH MAJOR ENTRANCE SCHOLARSHIP, awarded on the basis of high academic achievement and is renewable provided the holder maintains an academic standing established by the Faculty. Preference shall be given to students from the United Kingdom. Value: minimum \$5,000.

DR. HARRY ROSEN ENTRANCE SCHOLARSHIP IN DENTISTRY, established in 2004 by A. Bram Appel, B.Com. 1935, and Bluma Appel, in honour of Harry Rosen, D.D.S. 1953, a distinguished graduate and Professor Emeritus of the Faculty of Dentistry. Awarded by the Faculty of Dentistry to an outstanding student entering the four-year dentistry program. Renewable provided the holder maintains an academic standing established by the Faculty. Value: \$3,000.

3.3.2 In-course Scholarships

Each year scholarships are awarded by the Faculty to students of high academic standing who are currently enrolled in a full-time undergraduate degree program. Advanced standing students cannot compete for prizes unless they meet the precise criteria for the prizes within the specified time frame.

DR. ERNEST R. AMBROSE SCHOLARSHIP IN DENTISTRY, established in 2001 by Doreen Laszlo, B.Ed.(PE) 1962, D.D.S. 1969 and Charles A. Laszlo, B.Eng. 1961, M.Eng. 1966, Ph.D. 1968, to honor Ernest R. Ambrose, D.D.S. 1950, a distinguished graduate, professor and former Dean of the Faculty of Dentistry. This scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to an outstanding undergraduate student in the Faculty of Dentistry, who has demonstrated common sense, compassion and excellence in restorative dentistry. Preference will be given to students who are entering the fourth year of the D.M.D. program. Value: minimum \$2,500.

DR. STEPHEN S. CYMET SCHOLARSHIP IN DENTISTRY, established in 2001 by Stephen S. Cymet (D.D.S. 1974), for an undergraduate student who has completed at least one year of the D.M.D. program. This scholarship will be awarded on the basis of high academic standing by the Faculty of Dentistry. Value: \$2,000.

DR. JANET GRIFFIN-MERTH SCHOLARSHIP IN DENTISTRY established in 2002 through gifts from McGill Dentistry graduates in British Columbia, family and friends, to honor the memory of Janet Griffin-Merth, B.Sc. 1967, D.D.S. 1972. Janet inspired many with her contributions to McGill and her dedication and compassion toward her patients, staff and colleagues. Awarded on the basis of academic achievement by the Faculty of Dentistry to a student who has completed at least one year of the D.M.D. program. Preference shall be given to students from British Columbia. Value: Minimum \$2,000.

DR. JAMES E.G. HARRISON SCHOLARSHIP IN DENTISTRY, established in 2001 by James E.G. Harrison, D.D.S. 1951. This scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to a meritorious undergraduate student in the D.M.D. program who demonstrates a firm commitment to the ethical practice of dentistry in interactions with patients and colleagues or in essays on professional conduct and responsibilities. Preference will be given to students who are entering the third or fourth year of the D.M.D. program. Value: minimum \$2,000.

DR. HOWARD S. KATZ SCHOLARSHIP IN DENTISTRY, established in 2001 through gifts from family, friends and colleagues, to honour the memory of Howard S. Katz, B.Sc. 1967, M.Sc. 1970, Ph.D. 1973 and D.D.S. 1977, a distinguished graduate of the Faculty of Dentistry and Associate Dean (Academic) at the time of his death December 11, 1999. The Dr. Howard S. Katz Scholarship commemorates his many contributions to McGill and to the community and, in particular, his dedication to the well-being of students, patients and colleagues. This scholarship will be awarded by the Faculty of Dentistry to a student who has completed at least one

year of the D.M.D. program, on the basis of academic achievement. Value: minimum \$2,100.

DR. EARL LERNER FACULTY SCHOLARSHIP, established in 2000 by a generous gift from Dr. Earl Lerner (D.D.S. 1963) for an undergraduate student currently enrolled in the D.M.D. program. This Scholarship will be awarded on the basis of high academic achievement, by the Faculty of Dentistry. Preference will be given to a student entering the second year of the D.M.D. program. Value: \$2,000.

DR. WILLIAM BOROFF SCHOLARSHIP IN DENTISTRY, established in 2004 through generous gifts from family and the McGill Dentistry Class of 1973 on their 30th Anniversary of graduation to honour the memory of their classmate, Dr. William Boroff. This Scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to a meritorious undergraduate student in the D.M.D. Program who has demonstrated outstanding qualities of character, perseverance and sportsmanship. Preference will be given to a student who is entering the fourth year of the D.M.D. Program. Value: minimum: \$2,000.

DR. HARRY ROSEN SCHOLARSHIP IN DENTISTRY, established in 2004 by A. Bram Appel, B.Com. 1935, and Bluma Appel, in honour of Harry Rosen, D.D.S. 1953, a distinguished graduate and Professor Emeritus of the Faculty of Dentistry. Awarded by the Faculty of Dentistry Scholarships Committee on the basis of high academic standing to an undergraduate student who has completed at least one year of the D.M.D. program. Preference will be given to a student entering the fourth year of studies in the D.M.D. program. Value: \$2,000.

RENA AND MERVYN GORNITSKY SCHOLARSHIP IN DENTISTRY, established in 2005 by Rena Gornitsky, B.Com. 1953 and Mervyn Gornitsky, B.Sc. 1951, D.D.S. 1953. This Scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to an undergraduate student in the D.M.D. Program who has demonstrated exceptional academic performance and initiative in the area of Oral and Maxillofacial Surgery. Preference will be given to a student who is entering the fourth year of the D.M.D. program. Value: minimum \$2,000.

3.3.3 Medals and Prizes

FOURTH YEAR:

C.D.A. PRESIDENT'S AWARD, donated by the Canadian Dental Association, awarded to the graduating student who, over the undergraduate years, has shown outstanding qualities of leadership, scholarship, character, and humanity and who may be expected to have a distinguished career in the dental profession and society at large. The student must be a member of the Canadian Dental Association.

DR. J.K. CARVER AWARD, donated by l'Ordre des Dentistes du Québec, awarded to the student in the final year attaining the second highest overall standing in the four years of the dental undergraduate program.

DR. LEANORE K. FEINE PRIZE, awarded to the student in the final year who has best demonstrated commitment to the oral health of the local community throughout the clinical undergraduate program.

DR. W.G. LEAHY PRIZE, awarded to the student in the final year for meritorious achievement in Clinical Dentistry throughout the clinical undergraduate program.

DR. PAUL A. MARCHAND AND MAURINE McNEIL MARCHAND PRIZE, awarded to the student in the final year who has demonstrated the highest degree of professionalism and patient management.

DR. JAMES McCUTCHEON MEDAL, awarded to the member of the graduating class who has demonstrated outstanding qualities of leadership, scholarship and professional achievement throughout the four years of the program in Dentistry.

MCGILL ALUMNAE SOCIETY PRIZE, presented annually upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students.

PRIX MICHELINE-BLAIN, donated by the Quebec Dental Surgeons Association, awarded to a student in the graduating year who has best served the interests of his/her colleagues throughout the university years.

DR. A. GERALD RACEY PRIZE, awarded to the student in the final year who has excelled in the comprehensive oral examination in Oral and Maxillofacial Surgery.

DR. A.W. THORNTON GOLD MEDAL, donated by the Montreal Dental Club, awarded to the student in the final year attaining the highest overall standing in the four years of the dental undergraduate program.

PRIX D'EXCELLENCE JEAN-ROBERT VINCENT, donated by the Quebec Association for Special Care Dentistry, awarded to a graduating student who attains the highest grade in Geriatric Dentistry.

DR. A.L. WALSH PRIZE, awarded to the student in the final year for meritorious achievement in Oral Medicine throughout the clinical undergraduate program.

THIRD YEAR:

DR. L.A. COHN PRIZE, awarded to the student attaining the highest standing in Prosthetic Dentistry in the third year of the dental undergraduate program.

PIERRE FAUCHARD ACADEMY PRIZE, awarded to the junior Canadian Dental Association Student Governor for demonstrating leadership in the profession.

DR. LYMAN E. FRANCIS PRIZE, awarded to the student in the third year of the program who has obtained the highest standing in the subjects of Pathobiology, Treatment and Prevention of Disease, Dental Pharmacology, Oral Pathology and Medicine over the second and third years of the dental undergraduate program.

DR. GERALD FRANKLIN PRIZE, awarded to the student attaining the highest standing in the examinations in the third year of the dental undergraduate program.

INTERNATIONAL COLLEGE OF DENTISTS PRIZE (CANADIAN SECTION), awarded to the student attaining the second highest standing in the third year of the dental undergraduate program.

DR. MORTON AND DR. JONATHAN LANG PRIZE IN DENTISTRY, awarded by the Faculty of Dentistry Scholarships Committee to an outstanding undergraduate student on the basis of academic merit.

SECOND YEAR:

DR. W.C. BUSHELL AWARD, presented to the student attaining the highest overall standing in the Oral Disease unit in the second year of the dental curriculum.

DR. M. DONIGAN AWARD, presented to the student attaining the highest overall standing in the Introduction to the Patient and Introduction to the Practice of Dentistry unit in the Basis of Medicine component of the curriculum.

DR. LEANORE K. FEINE PRIZE, presented to the student in the second year of the dental curriculum who has best demonstrated commitment to the oral health of the local community.

DR. MAXWELL AND BETTY L. GOLDENBERG PRIZE, established by a generous bequest from the estate of Mrs. Betty L. Goldenberg in honour of her husband Dr. Maxwell Goldenberg, D.D.S. 1925. Awarded by the Faculty of Dentistry to the student attaining the highest standing in the Practical Clinical Component of Cycle Two (PreClinical Studies), in the second year of the dental undergraduate program. Value: minimum \$500.

DR. I.K. LOWRY AWARD, presented to the student attaining the highest overall standing in the Management of Oral Disease unit in the second year of the dental curriculum.

DR. K.I. MELVILLE AWARD, presented to the student attaining the highest overall standing in the Oral Health unit in the second year of the dental curriculum.

DR. D.P. MOWRY AWARD, presented to the student attaining the highest overall standing in the second year of the dental curriculum.

FIRST YEAR:

JAMES Q. BLISS ANNUAL BOOK AWARD, awarded to the student who obtains the highest standing in the Gas, Fluids and Electrolytes unit. Value: \$100.

JOSEPH MORLEY DRAKE PRIZE, founded by the late Joseph Morley Drake, M.D. Awarded to the student with the highest standing in the Pathobiology, Prevention and Treatment of Disease unit. Value: \$300.

SHIRLEY NANCY ENDMAN PRIZE, established in 1982 by Louis Endman in memory of his wife. Awarded to the student who obtains the second highest standing in the Gas, Fluids and Electrolytes unit. Value: \$70.

CHARLES E. FROSST MEDICAL PRIZE AND BRONZE MEDAL, a bronze medal and prize of \$1,000 are awarded annually to a student, in the Basis of Medicine, who has achieved excellence in the Unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, the most promise in the field of Pharmacology.

ROBERT B. GREENBLATT PRIZE, endowed in 1987 by Dr. Robert B. Greenblatt, an eminent endocrinologist and professor emeritus at the Medical College of Georgia, who graduated from McGill with a B.A. in 1928 and an M.D., C.M. in 1932. Awarded by the Faculty Scholarships Committee to the student who obtains the highest standing in the Life Cycle unit.

JOSEPH HILS PRIZE, founded by the late Dr. Joseph Hils, of Woonsocket, R.I. Awarded to the student obtaining the highest standing in the Musculoskeletal and Blood unit. Value: \$175.

F. SLATER JACKSON PRIZE, founded by Mr. and Mrs. H.F. Jackson in memory of their son, the late F. Slater Jackson, M.D. Awarded to the student with the highest standing in the Molecules, Cells and Tissues unit. Value: \$175.

FRANCIS McNAUGHTON PRIZE, established in 1980. Awarded to the student with the highest standing in the Nervous System and Special Senses unit. Value: \$200 and a book.

MARK NICKERSON PRIZE, established in 1990 by the Department of Pharmacology and Therapeutics in honour of Professor Mark Nickerson, a renowned McGill pharmacologist. Awarded to the student in the Basis of Medicine, who has achieved excellence in the unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, an understanding of the role of pharmacology and therapeutics in contemporary society. Recipients will also receive a scroll. Value: \$250.

SAMUEL ROSENFELD PRIZE, awarded to the student with the highest standing in Host Defence and Host/Parasite Relationships unit. Value: \$125

DR. ARTHUR S. SOLOMON AWARD, presented to the student attaining the second highest standing in the Basis of Medicine component of the curriculum. Value: \$150.

MARY AND LOUIS STREICHER PRIZE, established in 1980. Awarded to the student with the highest standing in the Endocrinology, Metabolism and Nutrition unit. Value: \$150.

SUTHERLAND PRIZE, founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in the Faculty. Awarded to the student who obtains the highest standing in the Basis of Medicine component of the medical undergraduate curriculum. Value: \$250.

The Faculty of Dentistry is well aware of the many awards and prizes that are offered to students through various academies, associations and commercial dental manufacturers. However, due to Faculty policy which was initiated by the Dental Students' Society, only official prizes and awards that are listed in the health Sciences Calendar will be recognized on student records.

3.3.4 Loans

The University has a fund from which loans may be made to students of good academic standing.

L'Ordre des Dentistes du Québec has created a loan fund to assist students of the Faculty who are registered with the Order. The W.R. Aird Loan Fund, W.K. Kellogg Foundation Loan Fund, the Dental Students' Society Dean D.P. Mowry Memorial Fund, and the Dr. Stan Smail Memorial Bursary are available to assist any student registered in the Faculty.

Applications for financial assistance should be made to the Student Aid Office at 3600 McTavish Street.

3.3.5 Dental Officer Training Plan

The Dental Officer Training Plan is a subsidization plan offered to eligible dental undergraduates by the Canadian Forces in return for a short period of service following graduation.

Under the plan, candidates are provided with a second lieutenant's rank and salary, and payment for tuition, instruments, supplies, and books. During the summer months, candidates undergo officer training.

To be eligible a student must be able to meet the Canadian Forces standards for enrolment and be academically acceptable, without condition, to any one of the four professional years of the dental program.

Full details of the Dental Officer Training Plan may be obtained from the Commanding Officer, Canadian Forces Recruiting Centre, 1420 Sainte Catherine Street West, Montreal, QC H3G 1R3. Telephone (514) 390-4999.

3.3.6 Graduate Fellowships, Awards and Prizes

DR. LYON BERCOVITCH MEMORIAL AWARD, established by a bequest from Olga Bercovitch in memory of her husband, Dr. Lyon Bercovitch (D.D.S. 1914). Awarded by the Faculty of Dentistry to a student pursuing graduate studies in dentistry. Value: minimum \$1,800.

DR. E.T. & MRS. MARJORIE BOURKE AWARD, established by a bequest from Marjorie Bourke in memory of her husband, Dr. E.T. Bourke (D.D.S. 1923). Awarded by the Faculty of Dentistry to a student pursuing graduate studies in dentistry. Value: minimum \$1,800.

GRADUATE RESEARCH PRIZE, established by the Class of Dentistry 1986 on the occasion of their Tenth Anniversary, presented by the Faculty of Dentistry to a graduate student who has been judged to have the best research project at the Annual Student Table Clinics and Research Evening.

HONG KONG FELLOWSHIP IN DENTISTRY**牙医学香港奖学金**

Established in 2002 by a generous gift from a McGill graduate from Hong Kong. The fellowship will be awarded to an outstanding student who has graduated from a Chinese university and is entering a postdoctoral, Ph.D or M.Sc. program of study in the Faculty of Dentistry. Awarded by the Dean of the Faculty in consultation with the Graduate Studies Committee. The recipient will be someone who can be expected to make a significant contribution to the advancement of science in their home country after the completion of their studies. Value: minimum \$25,000.

DR. YU-MING LAM FELLOWSHIP, established in 1999 by a generous gift from Dr. Yu-Ming Lam (D.D.S. 1972) and family, in honor of Mr. Yin-Bun Lam. This Fellowship will be awarded by the Faculty of Dentistry to an entering postdoctoral, doctoral or master's student in the Faculty of Dentistry. Value: minimum \$10,000.

DR. SOO KIM LAN PRIZE IN DENTISTRY**蘇金蘭醫生獎學金**

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

梁甦華牙醫獎學金

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 pain, oral cancer or bone tissue

research. Renewable once at the master's level and twice at the postdoctoral and doctoral levels. Value: minimum \$20,000.

DR. AND MRS. I.N. PESNER MEMORIAL PRIZE, established in 2001 by a bequest from Dr. Isidore N. Pesner, D.D.S. 1920, and Mrs. I.N. Pesner, to fund a graduate student prize in the Faculty of Dentistry. This prize will be awarded by the Faculty of Dentistry to an outstanding graduate student already in a Residency or post graduate program, who will be presenting a paper at a national or international scientific meeting. Value: \$500.

3.4 Program for the Degree of D.M.D.

3.4.1 Curriculum Outline

* The curriculum is under constant revision.

CYCLE I – BASIS OF MEDICINE AND DENTISTRY

Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
Unit 1 Molecules, Cells & Tissues (4 weeks)	Unit 2 Gas, Fluids & Electrolytes (9 weeks)		Unit 3 Life Cycle (3 weeks)	Unit 4 Endocrinology, Metabolism & Nutrition (7 weeks)		Unit 5 Musculo- skeletal & Blood (4 weeks)	Unit 6 Nervous System & Special Senses (8 weeks)		Unit 7 Host Defense & Host Parasite (5 weeks)	Summer Vacation/ Research	
Unit 9 – ITP (Introduction to the Patient)											

CYCLE I - BOM AND DENTISTRY

Sept.	Oct.	Nov.	Dec.
Unit 7 Host Defense & Host Parasite (2 weeks)	Unit 8 Pathobiology, Treatment & Prevention of Disease (14 weeks)		
Unit 9 ITPD (Intro to the Practice of Dentistry)			

CYCLE II – PRECLINICAL STUDIES

Jan.	Feb.	March	April	May	June	July	Aug.
Unit 10 Oral Health	U11 Oral Dis.		Unit 12 Management of Oral Disease			Summer Vacation/ Research	
Unit 13 Dental Public Health							

CYCLE III – CLINICAL STUDIES – DENTISTRY III & IV

Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.			
DENT 305 DENT 310 DENT 311 DENT 315 DENT 316 DENT 317 DENT 318 DENT 319 DENT 320 DENT 322 DENT 323	Dental Public Health Clinical Practice/ Jr Clerkship Endodontics Orthodontics Pediatric Dentistry Oral Pathology & Medicine Periodontology Dental Pharmacology Restorative Dentistry Image Interpretation Oral & Maxillofacial Surgery	2 w e e k s		DENT 305 DENT 310 DENT 311 DENT 313 DENT 315 DENT 316 DENT 317 DENT 318 DENT 319 DENT 320 DENT 323 DENT 337	Dental Public Health Clinical Practice/ Jr Clerkship Endodontics Community Clinics Orthodontics Pediatric Dentistry Oral Path & Med Periodontology Dental Pharmacol. Restorative Dent. Oral & Max.Surgery Clinical Decision Making	1 w e e k		DENT 305 DENT 310 DENT 311 DENT 313 DENT 315 DENT 316 DENT 317 DENT 318 DENT 319 DENT 320 DENT 323 DENT 337	Dent. Pub. Health Clinical Practice/ Jr Clerkship Endodontics Comm. Clinics Orthodontics Pediatric Dent. Oral Path & Med. Periodontology Dent Pharmacol. Restorative Dent. Oral & Max.Surg. Clinical Decision Making	2 w e e k s		DENT 314 Summer Clinic/ Externships	2 to 3 w e e k s	

Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April
DENT 405 DENT 409 DENT 410 DENT 411 DENT 415 DENT 416 DENT 418 DENT 423 DENT 437	Dental Public Health Advanced Restorative Dent. Clinical Practice/Sr Clerkship Endodontics Orthodontics Pediatric Dentistry Periodontology Oral Maxillofacial Surg & Path Clinical Decision Making	2 w e e k s		DENT 405 DENT 409 DENT 410 DENT 415 DENT 416 DENT 423 DENT 437	Dental Public Health Advanced Restorative Dentistry Clinical Practice/Sr Clerkship Orthodontics Pediatric Dentistry Oral Maxillofacial Surg & Path Clinical Decision Making		

3.4.2 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.

3.4.3 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 following five promotion periods:

BASIS OF MEDICINE AND DENTISTRY – CYCLE I

Promotion Period I

Units 1 to 6

Unit 9: Introduction to the Patient

Promotion Period II

Units 7 and 8

Unit 9: Introduction to the Practice of Dentistry

PRECLINICAL STUDIES – CYCLE II

Promotion Period III

Unit 10 Oral Health

Unit 11 Oral Disease

Unit 12 Management of Oral Disease

Unit 13 Dental Public Health

CLINICAL STUDIES – CYCLE III

Promotion Period IV

Clinical Studies in third year

Promotion Period V

Clinical Studies in fourth year

3.4.3.1 Student Promotion

All issues related to student promotion and graduation are the responsibility of the Student Promotions Committees.

In the first 16 months of the program (Promotion Periods I and II), students' conduct and promotion is governed by the rules and regulations of the Faculty of Medicine as outlined in their "Student information Manual".

The Faculty of Dentistry Student Promotions Committee reviews students progress for Promotion Periods III, IV and V. Decisions taken by the Student Promotions Committee may be reviewed at any time upon receipt of substantive, new information.

The following rules and regulations apply to Promotion Periods III, IV and V.

In order to qualify for advancement, a student must attain a grade of C+ or higher in each unit or course and a GPA of 2.9 or higher.

PROMOTION PERIOD III – CYCLE II – PRECLINICAL STUDIES

Evaluation will be reflective of the objectives of the individual units. The evaluation system for each unit will be outlined in detail at the start of the unit. A student must complete both the didactic and practical/clinical components in each unit. In the units where the examinations have been divided into sections, the student must pass each section to complete the unit. A student who receives an overall passing grade but fails one or more sections will be asked to take a remedial program in the sections involved.

A student must complete all units successfully to be promoted to Promotion Period IV.

PROMOTION PERIOD IV – CYCLE III – THIRD YEAR

Evaluation will be reflective of the objectives of the individual courses. The evaluation system for each course will be outlined in detail at the start of the course. A student must complete all courses successfully to be promoted to Promotion Period V.

A student receiving a failing evaluation for the course Clinical Practice DENT 310 may be placed on "Probationary Status" during Promotion Period IV. Probationary status implies that a student requires specific attention in order to address areas of weakness. The Promotions Committee automatically reviews the progress of a student placed on probation, and will determine the subsequent course of action. Options include returning to the normal curriculum, repeat of the promotion period, or required withdrawal.

PROMOTION PERIOD V – CYCLE III – FOURTH YEAR

Evaluation will be reflective of the objectives of the individual courses. The evaluation system for each course will be outlined in detail at the start of the course. A student must receive a passing grade in all courses successfully to graduate.

A student receiving a failing evaluation for the course Clinical Practice DENT 410 may be placed on "Probationary Status" during Promotion Period V. Probationary status implies that a student requires specific attention in order to address areas of weakness. The Student Promotions Committee automatically reviews the progress of a student placed on probation and will determine the subsequent course of action. Options include continued probation, repeat of the promotion period, or required withdrawal.

3.4.3.2 Deferred Exams, Supplemental Exams and Failures

Examinations which are deferred due to documented medical problems, or other exceptional circumstances, will be taken at the earliest possible time, and at the convenience of the course director. Since August is the time set aside for supplemental examinations, students writing deferred examinations at this time forfeit the right to write a supplemental examination.

Students who pass all courses but do not obtain a GPA of at least 2.9 will be permitted to take supplemental examinations in two courses chosen in consultation with the Dean in an attempt to raise their average. If the students do not raise their GPA to at least 2.9, they will be required to repeat the year.

Students who, by the end of the regular academic year, have failed in not more than two courses will be permitted to write supplemental 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 August. Applications for supplemental examinations must be made to the Administrative Assistant (Student Affairs) at least 10 days before the date set for supplemental examinations and must be accompanied by a fee of \$35 for each examination. This fee must be paid before a student is permitted to write the supplemental examination. Students who were unsuccessful in a course comprising a theoretical and practical/clinical component will have the option of attempting supplemental examinations in both components. Students will not be permitted to choose a third course in order to raise their GPA to 2.9 or higher.

A student who is repeating a year must attain, during the regular academic year, passing final grades of C+ or higher in each course/section and a GPA of 2.9 or higher. If this standard is not achieved the student will be required to withdraw from the Faculty without recourse to further supplemental examinations. A student who has repeated one year in the Faculty is ineligible to repeat another year.

A student who has failed in three or more courses by the end of the regular academic year will be required to withdraw from the Faculty.

Notwithstanding any of the above, the Faculty reserves the right to require the withdrawal of a student at any time if the student has displayed unprofessional conduct or demonstrates incompetence.

Though not exhaustive, such matters as failure to show respect for patients, failure to maintain good personal hygiene, failure to assume responsibility for actions taken, failure to adhere to the Codes of Ethics of the Canadian Dental Association or of l'Ordre des Dentistes du Québec as they apply to students, patient abuse, or rendering any act on a patient which is considered harmful and which jeopardizes the patient's welfare may be taken into consideration. The procedures to be followed in such instances are found in the bylaws of the hospitals through which students rotate.

3.4.3.3 Reread policy

Consultation

In accordance with the Charter of Student Rights, and subject to the conditions stated therein, "every student has the right to consult any written submission for which he or she has received a mark and a right to discuss this submission with the examiner". Students have seven calendar days after receiving their mark to ask for a consultation. Requests for consultations should be addressed directly to the examiner. The examiner has the option of meeting with the student to answer any questions that the student may have about the grading of the paper, or may supply the student with the correct answers to the examination questions in writing. The student may review these in the presence of the Faculty member or designate, but may not take any document away.

Verification

In a case where a student feels that an error has been made in arriving at the final grade, the student can request that the examiner verify that all questions have been marked and that the final grade has been computed correctly.

Reread

In accordance with the Charter of Student Rights, students have the right, subject to reasonable administrative arrangements, "to an impartial and competent review of any mark". The request for a reread must be received within seven calendar days after the consultation. A \$35 fee for reread will be charged to the student's McGill account. This will be reimbursed if there is a change upwards in the letter grade for the course.

The request for a formal reread must be made by the student, in writing, to the Faculty of Dentistry, Office of the Administrative Assistant (Student Affairs), and include reasons to justify the request. It must include a statement that the student has already met with the examiner to review the mark or indicating why this has not been possible. In the case of requests for rereads of group work, all members of the group must sign the request, indicating that they agree to the reread. Rereads for computer-scored examinations are not possible, but students may ask for a verification. There are no re-evaluations of oral examinations and laboratory examinations.

A list of possible re-readers will be obtained by the Office of the Administrative Assistant (Student Affairs) by contacting the Director of the Division involved in the reread. The Associate Dean (Academic Affairs) selects the second reader. The Office of the Administrative Assistant (Student Affairs) conducts all communication with second reader. The second reader is given the original documents, with marginalia, summary comments, and mark intact, as well as pertinent notes from the first examiner describing issues such as the general nature of the course or the assignment and grading schemes. The student's and the instructor's name are blanked out to reduce the possibility of prejudice, and to help meet the requirements of the Charter of Student Rights. The re-reader's name will not be made known to the student or examiner at any time. The second reader will provide an assessment of the work, in writing, to the Faculty of Dentistry. This assessment will also be transmitted to the first examiner.

As a result of the reread process, the grade may become higher, lower or remain unchanged. The grade submitted by the second reader replaces the original grade and cannot be challenged. The new grade will be communicated to the student in a letter from the Office of the Administrative Assistant (Student Affairs) with a copy to the first examiner.

3.4.3.4 Appeals

Appeals of a Student Promotions Committee decision may be made only if procedural fairness was not observed or if the student was required to withdraw from the Faculty. Students must submit their appeal, in writing, to the Dean within five working days of having been notified of the matter which is being appealed. The Dean shall decide to either uphold or reverse the decision of the Student Promotions Committee.

3.4.4 Grade Point Average (GPA)

The Faculty of Dentistry has adopted a grade point average system similar to the one used by the undergraduate faculties. Official transcripts will show the letter grade and the class average for each course offered by the Faculty of Dentistry.

Listed below are the letter grades and their grade point equivalents:

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

Letter grades are assigned grade points according to the table shown above. A student's academic standing will be determined on the basis of a grade point average (GPA), which is calculated by dividing the sum of the course credit times the grade points by the total course GPA credits.

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

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

The term grade point average (TGPA) will be the GPA for a given term calculated using all the applicable courses at the same level in that term. The cumulative grade point average (CGPA) will be the GPA calculated using the student's entire record of applicable courses at McGill at the same level; if the level is changed, e.g., from undergraduate to graduate, the CGPA starts again.

3.4.5 Final Examinations

Formal final examinations are held during an examination period following the term in which the course is given. The dates of the examination periods are listed in the Calendar of Dates. **Students are warned not to make travel arrangements to leave Montreal prior to the scheduled end of any examination period.** In some courses there is no final examination; standing in these courses is determined on the basis of term work and class tests.

3.4.5.1 University Regulations Concerning Final Examinations

Preamble

The objectives of these regulations are as follows:

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

Regulations

1. These regulations shall apply to undergraduate courses up to and including the 500 level that are evaluated by the use of written examinations. They shall not apply to clinical, field, laboratory, performance, and seminar courses, or to other

courses that are evaluated solely by means of a design, paper, program, or project.

- Written examinations (including take-home examinations) shall not be held during the last two weeks of scheduled classes during the Fall and Winter terms, except where a pattern of continuous evaluation has been established, in which case the total value of examinations given in this period shall comprise no more than 10% of the final mark.
- If the written examinations in a course constitute 50% or more of the final mark, one of these shall be given as a final written examination; and it shall take place during the examination period after the last day of scheduled lectures in December or April.
- A final examination given during the examination period shall be worth at least 25% of the final mark.
- Students shall be informed of all course requirements by the end of the course change period. All term work shall be assigned early enough in the term for students to complete the assignment(s) by the last day of class.
- The due date for term work in courses to which these regulations apply shall be no later than the last day of classes.
- 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.
- 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.
- Individual faculties may propose variations in these regulations to the Academic Policy and Planning Committee in order to meet their special needs.
- These regulations, and any variations to them, shall be made known to students by each faculty.

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

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

3.4.6 Attendance

Students must attend all lectures, seminars, small groups, laboratories, clinical sessions, laboratories and rotations.

Attendance is mandatory for small groups, clinical sessions, laboratories and rotations.

Students who have failed to attend 75% of the lectures or seminars, in any course/unit, may be refused the right to attempt the final examination in that course. Students failing to attend the required number of clinical practice sessions, as described in the course outline, will not be considered for promotion.

3.4.7 Qualifications for the Degree

- Candidates for the degree of Doctor of Dental Medicine shall have attended courses of instruction for four full academic years in the Faculty of Dentistry of this University, except for students who are granted Advanced Standing.
- Every candidate for the degree shall provide evidence of satisfactory completion of all of the required subjects which comprise the dental curriculum.

3.5 Courses of Instruction

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

3.5.1 Cycle I – Basis of Medicine and Dentistry

UNIT 1 –

INDS 101 MOLECULES, CELLS AND TISSUES. (6) This unit will examine the biosynthesis and assembly of macro-molecules with emphasis on cell and tissue organization and function. The structure and organization of the skin, nerves and the embryo will be surveyed in detail and used as model systems to study the major biochemical, physiological, genetic and molecular principles of cells.

UNIT 2 –

INDS 103 GAS, FLUID AND ELECTROLYTES. (14) This unit will discuss the embryological development, gross anatomy, histology and physiology of the cardiovascular, respiratory and renal systems. The biochemistry of lipids and proteins and the anatomy and physiology of the autonomic nervous system will also be covered.

UNIT 3 –

INDS 105 LIFE CYCLE. (4) This unit is designed as an introduction to the basic science that will enable the student to understand human reproduction. The embryology, histology, and anatomy of the reproductive tract will be covered. Human development from genetics, to embryo, to parturition, will be explored and how this knowledge can be applied to clinical medicine in resolving problems of infertility, fetal and maternal morbidity, and menopause.

UNIT 4 –

INDS 104 ENDOCRINOLOGY, METABOLISM AND NUTRITION. (11) This unit provides an overview of the gross and microscopic structure of the gastrointestinal tract and its accessory organs, along with a grounding in the principles of nutrition and digestion. Emphasis is also placed on those aspects of system and molecular endocrinology which regulate and integrate various metabolic activities.

UNIT 5 –

INDS 102 MUSCULOSKELETAL AND BLOOD. (6) The objectives of this unit are to study the structure and function of the components of the musculoskeletal and blood systems. The interaction of the structure and function will be examined. The embryology, macroscopic and microscopic anatomy as well as molecular structure and function relating to the musculoskeletal and blood systems will be discussed. Lectures, laboratory sessions, small group seminars as well as audio-visual presentations, multi-discipline clinically applied sessions, computer assisted instruction and independent self-directed learning will be utilized to achieve these goals.

UNIT 6 –

INDS 106 NERVOUS SYSTEM AND SPECIAL SENSES. (12) The content of this unit includes the anatomy of the head and neck and anatomical, physiological, biochemical and behavioural aspects of the organization of the nervous system and special senses. The material is presented in an integrated series of lectures and laboratory classes combined with small group clinical problem sessions designed to illustrate the clinical relevance of the material.

UNIT 7 –

INDS 207D1 (6), INDS 207D2 (6) HOST DEFENSE AND HOST/PARASITE. (Students must register for both INDS 207D1 and INDS 207D2.) (No credit will be given for this course unless both INDS 207D1 and INDS 207D2 are successfully completed in consecutive terms) Infectious diseases arise from dynamic interactions between humans and microorganisms. Using lectures, case-oriented small groups, laboratory sessions, and independent learning, an integrated overview of the basic microbiology of organisms, our immune defenses and how they may be subverted, and approaches to the prevention and control of infection will be provided.

UNIT 8 –**INDS 208 PATHOBIOLOGY TREATMENT & PREVENTION OF DISEASE.**

(20) This unit covers the scientific basis of the diagnosis, prevention and drug therapy of selected diseases. The organ/system approach examining pathogenesis, pathology and pathophysiology, and pharmacological principles of treatment of diseases in the individual is integrated with the epidemiology and genetics in the population.

UNIT 9 –

DENT 106J1 INTRODUCTION TO THE PATIENT. (1.7) (Students must also register for DENT 106J2 and DENT 106J3) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) This course addresses the psychological social dimensions of human nature in health and illness. Lectures are supplemented by small group experience to introduce students to the practice of dentistry via exposure to health care teams clinical settings and provides a forum to discuss psychosocial and ethical aspects of practice.

DENT 106J2 INTRODUCTION TO THE PATIENT. (1.7) (Prerequisite: DENT 106J1) (Students must also register for DENT 106J3) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) See DENT 106J1 for course description.

DENT 106J3 INTRODUCTION TO THE PATIENT. (1.6) (Prerequisite: DENT 106J2) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) See DENT 106J1 for course description.

DENT 207 INTRODUCTION: PRACTICE OF DENTISTRY. (2) An introduction to clinical data gathering - particularly interviewing and history taking. Lecture format followed by small group practice with tutors will be used to study doctor-patient relationships. This course follows the Introduction to the Patient course.

3.5.2 Cycle II – Preclinical Studies**UNIT 10**

DENT 202 ORAL HEALTH. (8) Anatomy, growth and development of the oro-facial region, including the teeth, composition and function of saliva, the normal oral microflora and some physiology in relation to the oro-facial complex.

UNIT 11

DENT 203 ORAL DISEASE. (4) Caries, periodontal, pulpal and periapical diseases from their etiology to their detection, craniofacial dysmorphology and growth and development problems.

UNIT 12

DENT 204D1 (12.5), DENT 204D2 (12.5) MGMT DISEASES/DYSF OROFCL COMP. (Students must register for both DENT 204D1 and DENT 204D2.) (No credit will be given for this course unless both DENT 204D1 and DENT 204D2 are successfully completed in consecutive terms) This course addresses the management of the conditions discussed in DENT 203 as well as principles of oral medicine and radiology. It contains a heavy laboratory component in which the students will acquire the technical skills required for treating patients.

UNIT 13

DENT 205D1 (1.5), DENT 205D2 (1.5) DENTAL PUBLIC HEALTH 1. (Students must register for both DENT 205D1 and DENT 205D2.) (No credit will be given for this course unless both DENT 205D1 and DENT 205D2 are successfully completed in consecutive terms) This course is designed to provide students with a broad understanding of the theory and principles of public health, behavioural sciences, communication skills, ethical and legal issues relevant to clinical practice. A basic understanding of the theory and practice of health promotion and the opportunities to promote oral health and prevent disease at an individual and population level will be discussed. This includes epidemiology, a knowledge of the structure and organization of the health system (in particular the key features, characteristics and issues affecting the dental care system in Canada), the theory of statistics and skills needed to

apply basic statistical methods to oral health data in order to critically interpret the statistical contents of research findings, human nutrition and its implications in the prevention of dental caries.

3.5.3 Cycle III – Clinical Studies**3.5.3.1 Third-Year Courses**

DENT 305J1 DENTAL PUBLIC HEALTH 2. (1) (Students must also register for DENT 305J2 and DENT 305J3) (No credit will be given for this course unless DENT 305J1, DENT 305J2 and DENT 305J3 are all successfully completed in consecutive terms) Oral health promotion in the community, dentist-patient relationship and communication with an emphasis on the needs of underserved populations.

DENT 305J2 DENTAL PUBLIC HEALTH 2. (1) (Prerequisite: DENT 305J1) (Students must also register for DENT 305J3) (No credit will be given for this course unless DENT 305J1, DENT 305J2 and DENT 305J3 are all successfully completed in consecutive terms) See DENT 305J1 for course description.

DENT 305J3 DENTAL PUBLIC HEALTH 2. (1) (Prerequisite: DENT 305J2) (No credit will be given for this course unless DENT 305J1, DENT 305J2 and DENT 305J3 are all successfully completed in consecutive terms) See DENT 305J1 for course description.

DENT 310J1 CLINICAL PRACTICE/JUNIOR CLERKSHIP. (4) (Students must also register for DENT 310J2 and DENT 310J3) (No credit will be given for this course unless DENT 310J1, DENT 310J2 and DENT 310J3 are all successfully completed in consecutive terms) Introduction to clinical dentistry in a multidisciplinary environment with emphasis on information gathering, diagnosis, treatment planning and acquisition of basic clinical skills.

DENT 310J2 CLINICAL PRACTICE/JUNIOR CLERKSHIP. (4) (Prerequisite: DENT 310J1) (Students must also register for DENT 310J3) (No credit will be given for this course unless DENT 310J1, DENT 310J2 and DENT 310J3 are all successfully completed in consecutive terms) See DENT 310J1 for course description.

DENT 310J3 CLINICAL PRACTICE/JUNIOR CLERKSHIP. (4) (Prerequisite: DENT 310J2) (No credit will be given for this course unless DENT 310J1, DENT 310J2 and DENT 310J3 are all successfully completed in consecutive terms) See DENT 310J1 for course description.

DENT 311J1 ENDODONTICS. (1) (Students must also register for DENT 311J2 and DENT 311J3) (No credit will be given for this course unless DENT 311J1, DENT 311J2 and DENT 311J3 are all successfully completed in consecutive terms) Microbiology and immunology, pathology, histology, oral surgery, and dental anatomy as they apply to endodontics.

DENT 311J2 ENDODONTICS. (1) (Prerequisite: DENT 311J1) (Students must also register for DENT 311J3) (No credit will be given for this course unless DENT 311J1, DENT 311J2 and DENT 311J3 are all successfully completed in consecutive terms) See DENT 311J1 for course description.

DENT 311J3 ENDODONTICS. (1) (Prerequisite: DENT 311J2) (No credit will be given for this course unless DENT 311J1, DENT 311J2 and DENT 311J3 are all successfully completed in consecutive terms) See DENT 311J1 for course description.

DENT 313 COMMUNITY CLINICS. (1) Introduction to a variety of mobile dental delivery systems and instruction as to the merits of each system. This course will allow students to demonstrate their knowledge in oral medicine, prevention, operative dentistry, and treatment planning.

DENT 314 SUMMER CLINIC/EXTERNSHIPS. (3) Summer Clinic concentrates on the treatment and management of patients, including patients with handicaps. Externships and research projects for an equal duration are acceptable alternatives with prior approval from the course director.

DENT 315J1 ORTHODONTICS. (0.7) (Students must also register for DENT 315J2 and DENT 315J3) (No credit will be given for this course unless DENT 315J1, DENT 315J2 and DENT 315J3 are all successfully completed in consecutive terms) Basic principles of

growth and development, diagnosis and treatment planning, biomechanics and basic orthodontic techniques with clinical experience in preventive, interceptive and limited corrective treatments.

DENT 315J2 ORTHODONTICS. (0.7) (Prerequisite: DENT 315J1) (Students must also register for DENT 315J3) (No credit will be given for this course unless DENT 315J1, DENT 315J2 and DENT 315J3 are all successfully completed in consecutive terms) See DENT 315J1 for course description.

DENT 315J3 ORTHODONTICS. (0.6) (Prerequisite: DENT 315J2) (No credit will be given for this course unless DENT 315J1, DENT 315J2 and DENT 315J3 are all successfully completed in consecutive terms) See DENT 315J1 for course description.

DENT 316D1 (2), DENT 316D2 (2) PEDIATRIC DENTISTRY. (Students must register for both DENT 316D1 and DENT 316D2.) (No credit will be given for this course unless both DENT 316D1 and DENT 316D2 are successfully completed in consecutive terms) Oral health, oral medicine, prevention, and management of oral disease including restorative procedures in children.

DENT 317D1 (1.5), DENT 317D2 (1.5) ORAL PATHOLOGY AND MEDICINE. (Students must register for both DENT 317D1 and DENT 317D2.) (No credit will be given for this course unless both DENT 317D1 and DENT 317D2 are successfully completed in consecutive terms) The nature, identification, and management of diseases affecting the oral and maxillofacial regions.

DENT 318J1 PERIODONTOLOGY. (1) (Students must also register for DENT 318J2 and DENT 318J3) (No credit will be given for this course unless DENT 318J1, DENT 318J2 and DENT 318J3 are all successfully completed in consecutive terms) Emphasis is on practical treatment including occlusal, sanative, curative and preventative modalities.

DENT 318J2 PERIODONTOLOGY. (1) (Prerequisite: DENT 318J1) (Students must also register for DENT 318J3) (No credit will be given for this course unless DENT 318J1, DENT 318J2 and DENT 318J3 are all successfully completed in consecutive terms) See DENT 318J1 for course description.

DENT 318J3 PERIODONTOLOGY. (1) (Prerequisite: DENT 318J2) (No credit will be given for this course unless DENT 318J1, DENT 318J2 and DENT 318J3 are all successfully completed in consecutive terms) See DENT 318J1 for course description.

DENT 319D1 (1.5), DENT 319D2 (1.5) DENTAL PHARMACOLOGY. (Students must register for both DENT 319D1 and DENT 319D2.) (No credit will be given for this course unless both DENT 319D1 and DENT 319D2 are successfully completed in consecutive terms) A study of the drugs that have special application to dentistry including general anaesthesia.

DENT 320J1 RESTORATIVE DENTISTRY. (2.33) (Students must also register for DENT 106J2 and DENT 106J3) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) (Restrictions: Not open to students who have taken DENT 320D1/D2, DENT 321D1/D2, DENT 336D1/D2, DENT 339D1/D2.) Diagnosis, treatment planning and restorative procedures to prevent deterioration of healthy teeth and to restore diseased, damaged, worn or lost teeth by means of direct and indirect operative restorations, and fixed, removable and implant prosthodontics.

DENT 320J2 RESTORATIVE DENTISTRY. (2.33) (Prerequisite: DENT 106J1) (Students must also register for DENT 106J3) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) (Restrictions: Not open to students who have taken DENT 320D1/D2, DENT 321D1/D2, DENT 336D1/D2, DENT 339D1/D2.) See DENT 320J1 for course description.

DENT 320J3 RESTORATIVE DENTISTRY. (2.33) (Prerequisite: DENT 106J2) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) (Restrictions: Not open to students who have taken DENT 320D1/D2, DENT 321D1/D2, DENT 336D1/D2, DENT 339D1/D2.) See DENT 320J1 for course description.

DENT 322 IMAGE INTERPRETATION. (3) Image interpretations of various conditions affecting the head and neck region and clinical rotation in oral diagnosis and radiology.

DENT 323J1 ORAL AND MAXILLOFACIAL SURGERY. (1.33) (Students must also register for DENT 323J2 and DENT 323J3) (No credit will be given for this course unless DENT 323J1, DENT 323J2 and DENT 323J3 are all successfully completed in consecutive terms) Diagnosis and management of the oral surgical problems encountered in general practice and exodontia clinical rotation.

DENT 323J2 ORAL AND MAXILLOFACIAL SURGERY. (1.33) (Prerequisite: DENT 323J1) (Students must also register for DENT 323J3) (No credit will be given for this course unless DENT 323J1, DENT 323J2 and DENT 323J3 are all successfully completed in consecutive terms) See DENT 323J1 for course description.

DENT 323J3 ORAL AND MAXILLOFACIAL SURGERY. (1.33) (Prerequisite: DENT 323J2) (No credit will be given for this course unless DENT 323J1, DENT 323J2 and DENT 323J3 are all successfully completed in consecutive terms) See DENT 323J1 for course description.

DENT 337 CLINICAL DECISION MAKING. (2) Development of a treatment plan for patients requiring complete mouth restoration involving multidiscipline restorative procedures with an emphasis on clinical decision making.

3.5.3.2 Fourth-Year Courses

DENT 405D1 (1.5), DENT 405D2 (1.5) PRACTICE MANAGEMENT. (Students must register for both DENT 405D1 and DENT 405D2.) (No credit will be given for this course unless both DENT 405D1 and DENT 405D2 are successfully completed in consecutive terms) Law, ethical and professional issues relevant to the practice of dentistry and management of the business of dentistry.

DENT 409D1 (1), DENT 409D2 (1) ADVANCED RESTORATIVE DENTISTRY. (Students must register for both DENT 409D1 and DENT 409D2.) (No credit will be given for this course unless both DENT 409D1 and DENT 409D2 are successfully completed in consecutive terms) This course will focus on didactic and theoretical aspects of the clinical management of more complex restorative challenges that the senior students might expect to encounter in their final year clinical program or in private practice following graduation.

DENT 410D1 (5.5), DENT 410D2 (5.5) CLINICAL PRACTICE/SENIOR CLERKSHIP. (Students must register for both DENT 410D1 and DENT 410D2.) (No credit will be given for this course unless both DENT 410D1 and DENT 410D2 are successfully completed in consecutive terms) Comprehensive management of patients with complex oral health needs involving all aspects of clinical dentistry.

DENT 411D1 (0.5), DENT 411D2 (0.5) ENDODONTICS. (Students must register for both DENT 411D1 and DENT 411D2.) (No credit will be given for this course unless both DENT 411D1 and DENT 411D2 are successfully completed in consecutive terms) Seminars given throughout the Fourth Year.

DENT 415D1 (1.5), DENT 415D2 (1.5) ORTHODONTICS. (Students must register for both DENT 415D1 and DENT 415D2.) (No credit will be given for this course unless both DENT 415D1 and DENT 415D2 are successfully completed in consecutive terms) Basic principles of growth and development, diagnosis and treatment planning, biomechanics and basic orthodontic techniques with clinical experience in preventive, interceptive and limited corrective treatments.

DENT 416D1 (2), DENT 416D2 (2) PEDIATRIC DENTISTRY. (Students must register for both DENT 416D1 and DENT 416D2.) (No credit will be given for this course unless both DENT 416D1 and DENT 416D2 are successfully completed in consecutive terms) This course comprises lectures, seminars reviewing pertinent literature, and clinical treatment of children at the McCall Dental Clinic. The aim of this course is to teach the students comprehensive dental care for children.

DENT 418D1 (1), DENT 418D2 (1) PERIODONTOLOGY. (Students must register for both DENT 418D1 and DENT 418D2.) (No credit will be given for this course unless both DENT 418D1 and DENT 418D2 are successfully completed in consecutive terms) Emphasis is on practical treatment including occlusal, sanative, curative and preventative modalities.

DENT 423D1 (2.5), DENT 423D2 (2.5) ORAL MAXILLOFACIAL SURGERY & PATHOLOGY. (Students must register for both DENT 423D1 and DENT 423D2.) (No credit will be given for this course unless both DENT 423D1 and DENT 423D2 are successfully completed in consecutive terms) Diagnosis and management of craniofacial developmental defects, oral disease and surgical problems encountered in dentistry and emergency and exodontia clinical rotation.

DENT 437D1 (1), DENT 437D2 (1) CLINICAL DECISION MAKING. (Students must register for both DENT 437D1 and DENT 437D2.) (No credit will be given for this course unless both DENT 437D1 and DENT 437D2 are successfully completed in consecutive terms) Development of a treatment plan for patients requiring complete mouth restoration involving multidiscipline restorative procedures with an emphasis on clinical decision making.

TABLE CLINICS

Students are required to present at least one table clinic on an approved topic while enrolled in the undergraduate program.

CARDIOPULMONARY RESUSCITATION

Students are required to participate in a CPR training session during every year of the D.M.D. program.

3.6 Multidisciplinary Residency Program

A multidisciplinary residency program is offered at five of the McGill teaching hospitals: the Montreal Children's Hospital, the Montreal General Hospital, the Queen Elizabeth Health Complex, the Royal Victoria Hospital, and the Sir Mortimer B. Davis-Jewish General Hospital. Positions are available each year starting July 1.

In order to be considered for a residency position, candidates who have not graduated from high school in the Province of Quebec must have successfully fulfilled the French Language test of the Office de la langue française before applying.

Applicants for these positions must submit their applications to the Faculty by September 30 of the previous year. Further details may be obtained by writing to the Multidisciplinary Residency Program at the Faculty of Dentistry, McGill University, 3640 University Street, Montreal QC H3A 2B2 or visiting the Web site at www.mcgill.ca/dentistry.

Applicants must hold a licence to practise dentistry in Quebec or be graduates from an accredited Canadian or American Dental School.

Residents enrolled in the McGill Multidisciplinary Residency program will participate in a Conscious Sedation Program. This course consists of didactic and practical components designed to provide participants with experience in the selection and application of various modalities of intravenous, oral and inhalation conscious sedation. Certification in Advanced Cardiac Life Support as well as an anesthesia rotation are obligatory components of this course. Successful completion of all aspects of this course and documentation of appropriate numbers of cases will qualify interested individuals to sit for an examination leading to certification.

3.7 Graduate Programs

M.Sc. in Dental Sciences

The goal of this program is to train students in research in the dental sciences which comprise a number of disciplines relating to the functioning of the oro-facial complex.

Please consult the Graduate Secretary, Faculty of Dentistry, for further details.

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

A residency training program in Oral and Maxillofacial Surgery provides a candidate with a comprehensive background for the practice of Oral and Maxillofacial Surgery as a specialty.

During the four years of the program the candidate serves as a resident principally at the Montreal General Hospital. During this time the resident is given increasing responsibility for the care of in-patients and out-patients, as well as being required to fulfill certain basic science courses and other assignments. A research project must be undertaken, followed by a Master's thesis.

The program is open to one candidate per year.

3.8 Admission Requirements

M.Sc. in Dental Sciences

Students who have successfully completed the D.D.S./D.M.D. degree or a B.Sc. degree with a CGPA of 3.0 on a 4.0 scale in any of the disciplines in the Health Sciences (Anatomy, Biochemistry, Microbiology and Immunology, Physiology) or related disciplines (Biology, Chemistry, Physics, Psychology) are eligible to apply for admission to a graduate program in the Faculty of Dentistry leading to the M.Sc. degree in Dental Sciences. In addition to submitting GRE scores, TOEFL tests must be passed in the case of non-Canadians whose mother tongue is not English.

The number of candidates accepted each year will depend on the elective courses and research facilities available which are applicable to the candidate's area of expertise.

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

Candidates for this program must possess a D.D.S. or D.M.D. degree or its equivalent, and be acceptable to l'Ordre des Dentistes du Québec as a training candidate in a hospital.

3.9 Application Procedures

McGill's online application form for graduate program candidates is available at www.mcgill.ca/applying/graduate.

M.Sc. in Dental Sciences

All applications must include an up-to-date official transcript of academic performance, two letters of recommendation and a brief resume indicating their particular field of interest for the M.Sc. degree. B.Sc. students who have not obtained eligible qualifications will be required to make up for deficiencies in their academic profile by taking a qualifying year.

Students must be accepted by a research director before the Faculty approves the application, prior to final acceptance by the Graduate and Postdoctoral Studies Office.

Applications may be obtained by writing to the Graduate Program in Dental Sciences, Faculty of Dentistry.

Deadlines for receipt of the application online 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.

3.10 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 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 (Thesis) (45 credits)

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/D2 (4) Advanced Research Seminar

Complementary Courses (8 – 14 credits)

8 to 14 credits chosen from the following:

- ANAT 663D1/D2 (9) Histology
- BIOL 524 (3) Topics in Molecular Biology
- DENT 562 (3) Calcified Tissues
- DENT 654 (3) Mechanisms and Management of Pain
- EPIB 606 (4) Introduction to Epidemiology
- EPIB 611 (3) Study Design and Analysis 1
- EPIB 621 (3) Data Analysis Health Sciences 1
- EPIB 635 (3) Clinical Trials
- EPIB 655 (3) Epidemiology in Public Health
- EPIB 681 (3) Data Analysis Health Sciences 2
- EXMD 610 (3) Biomedical Methods in Medical Research
- POTH 630 (3) Measurement: Rehabilitation 2
- PSYC 505 (3) The Psychology of Pain

Other complementary 500- or 600-level courses in the University may be taken with the approval of the supervisor or research director and GPSO.

Thesis Research Courses (24 – 30 credits)

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

- DENT 650 (3) Thesis Research 1
- DENT 651 (6) Thesis Research 2
- DENT 652 (9) Thesis Research 3
- DENT 653 (15) Thesis Research 4

M.SC. IN DENTAL SCIENCES (Non-Thesis) (45 credits)

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

Required Courses (26 credits)

- EPIB 606 (3) Introduction to Epidemiology
- EPIB 607 (4) Inferential Statistics (or equivalent course)
- BIOE 682 (3) Medical Basis of Bioethics
- EXMD 610 (3) Biomedical Methods in Medical Research
- DENT 671 (4) Advanced Research Seminar
- DENT 670 (9) Dental Research Project

Complementary Courses (minimum 19 credits)

19 credits from stream 1 OR stream 2:

Stream 1. Basic science research methods

- ANAT 663D1/D2 (9) Histology
- ANAT 690D1/D2 (6) Cell and Developmental Biology
- BMDE 505 (3) Cell and Tissue Engineering
- DENT 504 (3) Biomaterials and Bioperformance
- DENT 654 (3) Mechanisms and Management of Pain
- EXMD 628 (3) Qualitative Research Methodology
- MIMM 509 (3) Inflammatory Processes
- PHGY 517 (3) Artificial Internal Organs
- PHGY 518 (3) Artificial Cells
- PHGY 550 (3) Molecular Physiology of Bone
- PSYC 505 (3) The Psychology of Pain

Stream 2. Clinical and populational research methods

- EDEM 692 (3) Qualitative Research Methods
- EPIB 611 (3) Study Design and Analysis 1
- EPIB 623 (3) Research Design in Health Sciences
- EPIB 635 (3) Clinical Trials
- EPIB 641 (1) Substantive Epidemiology 1
- EPIB 646 (3) Evaluation of Health Services
- EPIB 655 (3) Epidemiology in Public Health
- EPIB 660 (3) Practical Aspects: Protocol Development
- EPIB 669 (2) Special Topics 2
- EPIB 671 (2) Special Topics 4

- EPIB 677 (3) Special Topics
- EPIB 679 (3) Special Topics 5
- EPIB 695 (3) Principles of Study Design 2

Other complementary 500-or 600-level courses in the University may be taken with the approval of the supervisor or research director and GPSO.

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)

- DENT 631 (3) OMFS 2 Seminar
- DENT 632 (3) Clinical OMFS 2
- DENT 641 (3) OMFS 3 Seminar
- DENT 642 (3) Clinical OMFS 3
- EPIB 607 (4) Inferential Statistics (or equivalent course)

Thesis Component – Required (30 credits)

- DENT 651 (6) Thesis Research 2
- DENT 652 (9) Thesis Research 3
- DENT 653 (15) Thesis Research 4

3.11 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.

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 562 CALCIFIED TISSUES. (3) (3 hours of lecture supplemented by 1 hour laboratory or conferences) An advanced course on the morphology and cell biology of calcified tissues. This course provides a problem-oriented analysis of research on the structure and mechanism of formation of connective tissue, cartilage and bone, but with particular emphasis on the tissues of the tooth.

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 credit will be given for this course unless both DENT 653D1 and DENT 653D2 are successfully completed in consecutive terms) (DENT 653D1 and DENT 653D2 together are equivalent to DENT 653) 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 653J1 THESIS RESEARCH 4. (5) (Students must also register for DENT 653J2 and DENT 653J3.) (No credit will be given for this course unless DENT 653J1, DENT 653J2, and DENT 653J3 are all successfully completed in consecutive terms.) (DENT 653J1, DENT 653J2 and DENT 653J3 together are equivalent to DENT 653 or DENT 653D1 and DENT 653D2 together.) 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 653J2 THESIS RESEARCH 4. (5) (Prerequisite: DENT 653J1) (Students must also register for DENT 653J3) (No credit will be given for this course unless DENT 653J1, DENT 653J2, and DENT 653J3 are all successfully completed in consecutive terms.) (DENT 653J1, DENT 653J2 and DENT 653J3 together are equivalent to DENT 653 or DENT 653D1 and DENT 653D2 together.) See DENT 653J1 for course description.

DENT 653J3 THESIS RESEARCH 4. (5) (Prerequisite: DENT 653J2) (No credit will be given for this course unless DENT 653J1, DENT 653J2, and DENT 653J3 are all successfully completed in consecutive terms.) (DENT 653J1, DENT 653J2 and DENT 653J3 together are equivalent to DENT 653 or DENT 653D1 and DENT 653D2 together.) See DENT 653J1 for course description.

DENT 654 MECHANISMS AND MANAGEMENT OF PAIN. (3) (Restriction: Open to all health professionals) Presentation of the neurobiology of pain and analgesia, clinical pain conditions, basic and applied research methods in the study of pain, and the theory and practice of pain management. The course is designed for graduate students interested in pain mechanisms and clinical residents interested in pain management.

DENT 669 EXTRACELLULAR MATRIX BIOLOGY(3) Advanced topics on extracellular matrix biology with emphasis on matrix molecules and their effects on cell communication, tissue structure and integrity.

DENT 670 DENTAL RESEARCH PROJECT. (9) (Restriction: Available only to those students registered in the non-thesis option of the MSc in Dental Sciences.) Research project in dental sciences.

DENT 671 ADVANCED RESEARCH SEMINAR. (4) Topics in current research in Oral Health Sciences.

DENT 671D1 (2), DENT 671D2 (2) ADVANCED RESEARCH SEMINAR. (Students must register for both DENT 671D1 and DENT 671D2) (No credit will be given for this course unless both DENT 671D1 and DENT 671D2 are successfully completed in consecutive terms) (DENT 671D1 and DENT 671D2 together are equivalent to DENT 671) Topics in current research in Oral Health Sciences.

DENT 671N1 ADVANCED RESEARCH SEMINAR. (2) (Students must also register for DENT 671N2) (No credit will be given for this course unless both DENT 671N1 and DENT 671N2 are successfully completed in a twelve month period) (DENT 671N1 and DENT 671N2 together are equivalent to DENT 671) Topics in current research in Oral Health Sciences.

DENT 671N2 ADVANCED RESEARCH SEMINAR. (2) (Prerequisite: DENT 671N1) (No credit will be given for this course unless both DENT 671N1 and DENT 671N2 are successfully completed in consecutive terms.) (DENT 671N1 and DENT 671N2 together are equivalent to DENT 671) See DENT 671N1 for course description.

3.12 Continuing Dental Education

Associate Professor — R.J.C. David

CREDIT COURSES

At periodic intervals, the Faculty sponsors courses in Continuing Dental Education which are recognized for Continuing Dental Education credits by dental licensing bodies.

Generally the Faculty offers a series of courses in various clinical and basic sciences related to dentistry. These are provided in both small and larger group sessions to enhance the learning process. The courses are designed to meet the needs of dental practitioners and researchers, to keep them abreast of current concepts and practices and to make them aware of recent advances in dental science.

Enquiries should be directed to the Director of Continuing Education, Faculty of Dentistry, McGill University, 3640 University Street, Montreal, QC, H3A 2B2.

E-mail: conted.dentistry@mcgill.ca

3.13 Academic Staff

Emeritus Professors

Kenneth C. Bentley; D.D.S., M.D., C.M.(McG.), Cert.Oral Surg.(N.Y.U. Bellevue), F.I.C.D., F.A.C.D., F.R.C.D., Hon. F.R.C.D.(C), F.I.D.S.A., F.P.F.A.
Mervyn Gornitzky; B.Sc., D.D.S.(McG.)
Harry Rosen; B.Sc., D.D.S.(McG.), F.I.C.D., F.A.C.D., M.R.C.D.(C), F.A.D.I.

Professors

Catherine M. Bushnell; B.A.(Md), M.A., Ph.D.(Amer.)
Fernando Cervero; M.B., Ch.B., Ph.D.(Madrid), D.Sc.(Edin.)
Jocelyne S. Feine; D.D.S., M.S.(Texas), H.D.R.(Auverne)
James P. Lund; B.D.S.(Adel.), Ph.D.(W.Ont.)

Associate Professors

Paul J. Allison; B.D.S., F.D.S.R.C.S., M.Sc.(Lond.), Ph.D.(McG.)
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Antoine Chehade; B.Sc., D.D.S., M.Sc.(McG.)
Marie E. Dagenais; D.M.D.(Montr.), Dip. Rad.(Tor.)
Robert J.C. David; D.D.S.(McG.), F.I.C.D., F.A.G.D.

George Harasymowycz; B.Sc.(Loyola), D.D.S.,
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Part. Pros.(Ind.)
Timothy W. Head; B.Sc.(Sir G.Wms.), D.D.S., M.Sc.(McG.),
F.R.C.D.(C), Dipl. A.B.O.M.S.
E. Melvyn Hershenfield; B.Sc., D.D.S.(McG.), M.Sc.D.(Boston),
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(Witwatersrand)
Martin T. Tyler; B.S.(Ohio), D.D.S.(Howard), M.A.(G.Wash.),
Dipl.A.B.O.M., Dipl.A.B.O.M.R., F.A.C.D.
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Assistant Professors

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Sylvio Caro; B.A., D.D.S.(McG.), Cert.Pros.(Tor.)
Robert Clark; B.Sc., D.D.S.(McG.)
Ngoc Tuan Dinh, D.M.D.(Montr.) M.Sc. Prosth.(Tor.)
Gerald Domanowski, MD (SUNY)
Robert Dorion; D.D.S. (McG.)
John G. Drummond; D.D.S.(McG.)
Aaron Dudkiewicz; B.Sc., D.D.S.(McG.), Cert.Pedo.(Eastman
Dental)
J. Richard Emery; D.D.S.; M.Sc.,(McG.), F.R.C.D.(C), Dipl.
A.B.O.M.S.
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Dipl. A.B.O.M.S.
Irwin M. Fried; D.D.S.(McG.), M.Sc. Pedo.(Minn.)
M.T. Kaartinen; M.Sc.(JyvSskylä), Ph.D.(Kuopio, Finland)
Svetlana Komarova, M.Sc., Ph.D.(Moscow)
Gerald M. Konanec; D.D.S.(McG.)
Sidney Konigsberg; B.Sc., D.D.S.(McG.), M.S., Cert.Ortho.(Tufts),
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Paul H. Korne; D.D.S.(McG.), M.Cl.D.(W. Ont.)
Hervé Le Moual; D.E.A., M.Sc.(Paris), Ph.D.(Montr.)
Irwin Margolese; B.Sc., D.D.S.(McG.), F.I.D.S.A., F.A.D.I.
Norman M. Miller; B.Sc., D.D.S.(McG.)
Robert Miller; B.Sc.(C'dia), D.D.S.(McG.)
Jeffrey M. Myers; B.Sc., D.D.S.(McG.)
Julia R. Pompura; D.D.S.(McG.), Dip. Oral & Maxillofacial
Surg.(Tor.)
Leonard Prosterman; B.A., D.D.S.(McG.), M.S.D.,
Cert.Ortho.(Temple), F.R.C.D.(C)
Charles Rawas; B.Sc., D.D.S., Dip.Pros.(Rest.Dent.)(McG.)
Dieter Reinhardt ; Ph.D. (Munich)
David S. Shapiro; B.A., D.D.S.(McG.), M.S.(Iowa)
Jack Sherman; D.D.S.(McG.), Cert. Oral Surg.(Boston)
Mortimer D. Shizgal; B.Sc., D.D.S.(McG.)
I. Ike Silver; B.A., D.D.S.(McG.)
Bernard Slimovitch; B.Sc., D.D.S.(McG.)

Mark Spatzner; B.Sc.(McG.), D.M.D.(Montr.), Dip.Perio.(Tor.)
Myron Stein; B.Sc., D.D.S.(McG.), F.A.D.I.
Barry Sternthal; B.A.(Loyola), D.D.S., M.Sc.(McG.)
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Gerald Abish; D.D.S.(McG.)
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Emanuel Alvaro; D.D.S.(McG.), M.Sc.(Harv.)
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Tibor Bertalen; D.M.D.(Montr.)
David Blair; B.Sc., D.D.S.(McG.)
Michel Bonin; B.A.(St. Laurent), D.M.D.(Montr.), Cert.Pedo.
(U.C.L.A)
Marie-Christine Boucher ; D.M.D. (Montr.), Cert. OMFS
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Amelie Brun; D.M.D. (Laval)
Ernest C. Burman; B.Sc., D.D.S.(McG.)
John R. Calder; B.Sc.(Sir G. Wms.), D.D.S.(McG.)
Vicken Chamlian; D.M.D.(Montr.)
Patrick Champagne; D.M.D., Cert. Prosth.(Montr.)
Louis-René Charette; D.M.D., Cert.Pedo.(Montr.)
Eric Chatelain; D.M.D.(Montr.)
Sampa Chileshe-Manigat; B.Sc.(Md), D.D.S.(Howard)
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Allan Etcovitch; B.Sc., D.D.S.(McG.)
Pierre Faubert; M.Ed.(Psych.Couns.), Cert.Educ.(UQAM)
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Raphael Garofalo; D.D.S.
Angèle Germain; D.M.D.(Laval)
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Ira D. Hoffman; B.Sc., D.D.S.(McG.)

- Sirus Homayun; D.M.D.(Istanbul), D.D.S.(McG.)
 Judy Horvath; B.Sc.(Ott.), D.D.S.(McG.)
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 Lisa Kozloff; D.D.S.(McG.), Cert. Endo.(Tufts)
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 George Kyritsis; D.M.D.(Montr.) Cert.Ortho.(Boston)
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 Yu Kwong Li; D.D.S.(McG.)
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 George Limantzakis; D.D.S.(McG.)
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 Jeff Macklan; B.Sc., D.D.S.(McG.)
 Sabrina Mancini; B.Sc., D.D.S.(McG.), Dip.Perio.(Tor.)
 Ken Marengo; D.D.S.(McG.)
 Oliver Mark; D.D.S.(McG.)
 Annie Marleau; D.M.D.(Montr.)
 Michael Mechanic; B.Sc., D.D.S.(McG.)
 Gerard Melki; B.Sc.(Am. U. Beirut), D.D.S.(McG.)
 Stephanie Ment; M.Sc., D.M.D.(McG.)
 Seymour Miller ; D.D.S. (McG.), Cert. Ortho (Oregon)
 Helen Mpantis, D.M.D. (McG.)
 Jack C.M. Ng; D.D.S.(McG.)
 Dac-Thang Nguyen; D.D.S.(McG.)
 Kim-Lan Nguyen; B.Sc.(Lyon), D.D.S.(Paris), Cert.Oral Surg.(Tufts)
 George Papanastasoulis; D.M.D.(Laval), M.Sc.(Montr.)
 O.C. Neil Peloso; B.Sc., D.D.S.(McG.)
 Johanna Pham, D.D.S.(McG.)
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 Beth G. Prosterman; D.D.S.(McG.), Cert. Ortho.(Penn.)
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 Harry Rajchgot; B.Sc., M.Sc., D.D.S.(McG.)
 Warren M. Retter; B.Sc., D.D.S.(McG.)
 Matthew A. Reutcky; B.Sc., D.D.S.(McG.), F.I.C.D., F.A.D.I.
 Sergio Rico-Vargas; D.D.S.(McG.)
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 Evangelia Valavanis; D.D.S.(McG.)
 Matthew Vamvakis, D.D.S. (McG.)
 Paul Van Wijlen; D.D.S.(McG.)
 Ana M. Velly; D.D.S.(Brazil), M.Sc., Ph.D.(Montr.)
 Nicolino Vincelli; B.Sc.(C'dia), D.D.S.(McG.)
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 Norman Yoffe; B.Sc. D.D.S.(McG.)
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 Erika G.Gisel; B.A.(Zurich), B.S.,M.S.,Ph.D.(Temple)
 Arlette Kotla; B.Sc., M.Sc., Ph.D.(Montr.)
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 Gerald Abish; D.D.S.(McG.)
 Josée Bellefleur; D.M.D.(Montr.)
 Tibor Bertalen; D.M.D.(Montr.)
 Andrew Bourke; D.D.S.(McG.)
 Anne Charbonneau; D.M.D., M.Sc., Ph.D.(Montr.)
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 Marie-Claude Constance; D.M.D.(Montr.)
 Louise Desnoyers; B.Sc., D.M.D., Cert. Biol.(Montr.)
 Bruce Dobby; B.Sc., D.D.S.(McG.)
 Emilia Espiritu; D.M.D.(W.Ont.)
 Yanis Felemegos; B.Sc.(McG.)
 Stefan Haas-Jean; D.M.D.(Montr.)
 Marie-Josée Higgins; D.D.S.(McG.) M.Sc.(Minn.)
 Marie-André Houle; D.M.D.(Montr.)
 Mansour Kano; D.M.D.(Montr.)
 Jon Kapala; B.S.; D.M.D.(Tufts), Cert. Pedo., Cert. Ortho.(Boston), F.A.C.D.
 Christine Koran; B.Eng., D.D.S.(McG.)
 George Kyritsis; D.M.D.(Montr.)
 Kenneth K.S. Lee; D.D.S.(McG.), F.R.C.D.(C)
 Serge Marchand; B.A.(UQAT), M.Sc.(UQTR), Ph.D.(Montr.)
 Belinda Nicolau; D.D.S.(Brazil), Ph.D.(University College, Lond.)
 D.J. Ostry; B.A.Sc., M.A.Sc., Ph.D.(Tor.)
 Lise Pichler; D.M.D.(Montr.)
 Hilal Sirhan; D.D.S.(McG.)

4 Faculty of Medicine

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4.5.16	Obstetrics and Gynecology
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4.1 The Faculty

4.1.1 Location

Faculty of Medicine
Administrative Offices
3605 de la Montagne Street
Montreal, QC H3G 2M1
Canada

General Information: (514) 398-3515
Admissions Information: (514) 398-3517
Web site: www.medicine.mcgill.ca

4.1.2 Administrative Officers

Abraham Fuks; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
Dean (until September 1, 2006)

Richard I. Levin; B.Sc.(Yale),M.D.(NYU), Postdoctoral Fellowship (C'nell)
Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine (as of September 1, 2006)

April Caluori **Director, Administration and Operations**

France Drolet **Director, Admissions**

Michael D. Rosengarten; B.Eng., M.C., F.R.C.P.
Associate Dean (Continuing Medical Education)

Yvonne Steinert; B.A.(McG.), M.A.(Tor.), Ph.D.(McG.)
Director, Centre for Medical Education, Associate Dean (Faculty Development)

Janet Henderson; B.Sc., Ph.D.(McG.)
Associate Dean (Graduate Studies and Research)

Sam Benaroya; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
Associate Dean (Interhospital Affairs)

Joyce Pickering; M.D., C.M.(McG), M.Sc., F.R.C.P.(C), F.A.C.P.
Associate Dean (Medical Education and Student Affairs)

Jean-Pierre Farmer; M.D., C.M., F.R.C.S.(C)
Associate Dean (Postgraduate Medical Education and Professional Affairs)

Richard H. Latt; D.V.M.(O.V.C.)
Director, McIntyre Animal Centre

Pierre-Paul Tellier; B.Sc., M.D.(Ott.), C.C.F.P., F.C.C.P.
Director, Office of Student Affairs, Undergraduate Medical Education

Jim Henderson; B.Sc., M.Sc., M.L.S.
Librarian, Life Sciences Library

4.1.3 History

The Faculty of Medicine was established as the first faculty of McGill University in 1829. It dates its origin to 1823 when four

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 awarded the degree of Doctor of Medicine and Surgery and became the first McGill, and the first Canadian medical, graduate. In 1862 the degree was changed to its present designation, Doctor of Medicine and Master of Surgery (M.D.,C.M.) and in 1872 it was conferred upon the Faculty's most illustrious graduate, William Osler. Osler served on the faculty from 1874 to 1884 before going on to the University of Pennsylvania, Johns Hopkins University, and Oxford University. He was instrumental in developing the Life Sciences Library, which had its origin in the Montreal Medical Institution and which now contains over 285,000 volumes and 4,500 periodicals, and left to it his extensive collection of books devoted to the history of medicine.

The land occupied by the University, deeded to it by James McGill, lies in the heart of Montreal on the southern slope of Mount Royal. The medical faculty offices are located in the McIntyre Medical Sciences Building which lies higher on the flank of the mountain on Promenade Sir-William-Osler at Pine Avenue. The Life Sciences Library, the Osler Library of the History of Medicine, and a number of the departments of the Faculty are located in this building. The Strathcona Anatomy and Dentistry Building, the Montreal Neurological Institute and hospital of the McGill University Health Centre (MUHC), founded in 1887, are situated a half mile east of the McIntyre Building while the Montreal General Hospital of the MUHC, relocated in 1955 from its original site south of the University, lies a half mile to the west. The Montreal Children's Hospital of the MUHC, the Sir Mortimer B. Davis-Jewish General Hospital, St. Mary's Hospital and the Douglas Hospital are also teaching/affiliated institutions. In addition, there are nine centres and units specializing in A.I.D.S.; artificial cells and organs, cancer research; host resistance; human genetics; medical education; non-linear dynamics; nutrition and food science; aerospace medical research; medical physics; age and aging; and in biomedical ethics.

4.1.4 Mission Statement

The Faculty of Medicine affirms the mission of McGill University as follows:

The advancement of learning through teaching, scholarship, and service to society: by offering to outstanding undergraduate and graduate students the best education available; by carrying out scholarly activities judged to be excellent when measured against the highest international standards; and by providing service to society in those ways for which we are well-suited by virtue of our academic strengths.

Within this context, the mission of the Faculty of Medicine is to pursue internationally significant scholarship and to provide undergraduate, graduate and professional programmes of the highest academic quality so that we may contribute to the well being of mankind.

We affirm the following objectives in order to accomplish our mission:

1. Education

The health-care professionals who are graduates and trainees of the Faculty will be well-prepared to address the present and future health needs of the Canadian population. They will be oriented to preserving health, technically competent, adept at solving problems, capable of functioning as part of a multi-disciplinary team and committed to life-long learning both for themselves and their patients. They will exhibit ethical behaviour and compassion in dealing with patients, restraint in using health resources, and an inquiring attitude towards the mechanisms of health and disease. Finally, our programmes will be rooted in a scholarship of education designed to the development and exploitation of modern pedagogical techniques.

2. Research

The Faculty's research programs will contribute to the understanding of the basic mechanisms of health and disease and develop and evaluate clinical interventions to address health care needs. The research will emphasize collaboration between basic and clinical sciences, and between members of our Faculty and researchers in other disciplines. The faculty will encourage and support outstanding research trainees and research training programs. Our research will encompass the scholarship of discovery and integration.

3. Service

Members and trainees of the Faculty will provide exemplary, scientifically based health services to the McGill target population and will participate actively in national and international professional organizations. Our stance will encompass a scholarship of application whose aim is to ensure that available and new knowledge are used to improve the care and well being of society.

4.1.5 Medical Societies

McGill Medical Students' Society Inc.

Mail: 3655 Promenade Sir-William-Osler, 6th Floor
Montreal, QC, H3G 1Y6
Office: McIntyre Medical Sciences Building, Room 508
Telephone: (514) 398-7167 Fax: (514) 398-1789
E-mail: msspres@med.mcgill.ca

The Society is an association of all registered medical students. Acting through its elected council and various Faculty committees, the Society performs a number of functions:

1. to represent medical students' ideas, concerns and problems to the Faculty of Medicine, the rest of the McGill community, the government, and the public at large;
2. to promote interaction among medical students through both the Federation of Quebec Medical Student Societies and Canadian federations of medical students;
3. to attempt the advancement of new forms of learning in response to the desires of the students;
4. to collaborate with the Students' Societies of Nursing, Physical and Occupational Therapy, and Dentistry in running the "Annex", the social centre;
5. to promote student sporting and social events within the Faculty;
6. to publish a newsletter, *The Placebo*, for all medical students;
7. to recognize and supervise the formation and operations of affiliated student societies;
8. to attempt generally to provide the resources and personnel to meet student needs and wishes as they arise.

The M.S.S. has members on many Faculty committees, including the Curriculum Committee and the Admissions Committee. Details of all activities are easily available from the M.S.S. Office and it is hoped that all students will participate in the Society's activities.

L'Association des Étudiants en Médecine est une association de tous les étudiants inscrits en médecine. Représentée par son conseil élu et par les divers comités de la faculté, l'Association accomplit les fonctions suivantes:

1. représente les idées des étudiants, leurs soucis et leurs problèmes à la faculté de médecine, à la communauté McGill en général, au gouvernement et au public en général;
2. facilite la communication des étudiants en médecine par le biais de la Fédération des Associations des étudiants en médecine du Québec et de la Fédération des étudiants en médecine du Canada;
3. essaie de développer de nouveaux cours qui répondront aux désirs des étudiants;
4. collabore avec les Associations des étudiants en nursing, en ergothérapie et réadaptation, et en médecine dentaire dans la direction de "l'Annexe", notre centre social;

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 research of students exclusively, on an international scale. *MJM* has established a national and international base of authors. Please see reviews of *MJM* in the *New England Journal of Medicine* (336:885;1997) and *JAMA* (278:1461-2;1997) and visit online at www.medicine.mcgill.ca/mjm.

Medical and Dental Christian Fellowship (MDCF)

In 1988, several students from Med I and II started the Medical Christian Fellowship, which has since become the MDCF. This group created a place for Christians in medical training to meet weekly for Bible study, encouraging each other in continuous spiritual growth. In addition, various speakers (doctors, faculty, medical missionaries, etc.) expose the members to different ways to effectively integrate faith and medical practice by sharing with members their experiences as Christians in the medical profession.

Ranging from Roman Catholic to Lutheran and from Greek Orthodox to Calvinist, the group covers a large spectrum of denominations and enjoys the richness in thought such a diversity brings. Even though the MDCF is an independent group, it is associated with the Christian Medical and Dental Society (CMDs), the Canada and U.S. wide organization of Christian doctors and dentists.

Medical Students for Social Responsibility (MSSR)

MSSR is a group that recognizes that social, economic, and political factors largely determine the health of individuals and populations. The group's objective is to sensitize participants to alternative aspects of health and to provide a framework for future activism.

4.2 Scholarships, Bursaries, Prizes, Medals and Loan Funds

The Faculty of Medicine, M.D., C.M. program, has adopted a primarily needs-based approach to its scholarships and bursaries. This acknowledges the very high academic performance already achieved by students entering the Faculty. Many of the funds under the Faculty's jurisdiction are awarded on the basis of good academic standing and financial need, and are administered by the Office of Student Aid. Financial aid forms are available from the Student Aid Office, 3600 McTavish Street, Montreal (www.mcgill.ca/studentaid). Scholarship, bursary and prize values are based on funds available.

Entrance scholarships

McGill offers some Entrance Scholarships annually to first-year students based on academic merit.

Med-P program

Entrance scholarships are available for students accepted to the Med-P program. In the first year of the Med-P program, students are registered in the Faculty of Science and hence are eligible for university entrance scholarships. Once the student is promoted to the Faculty of Medicine these scholarships are renewable annually for three academic periods if the student meets the renewability criteria.

M.D.,C.M. four-year program

By applying for admission to the Faculty of Medicine of McGill University, the four-year M.D., C.M. program applicants with outstanding academic achievements are automatically considered for entrance scholarships. There is no form to complete. Scholarships are allocated at the discretion of the Faculty of Medicine.

M.D./M.B.A. and M.D./PhD programs

Entrance scholarships are available for students registered in the double programs: M.D./M.B.A. and MD/PhD.

Bursaries for Research Projects

Bursaries are available to enable students to carry out research projects during their medical studies. These are awarded, on a competitive basis, in the Winter term and also during summer vacation. For more information, please inquire with the Associate Dean for Research in the Faculty of Medicine or consult the website at www.medicine.mcgill.ca/research/bursary.

Prizes, Medals and Awards

Students who demonstrate outstanding performance are recognized through the awarding of prizes, medals and J.W. McConnell Awards. Receipt of an award is permanently recorded on the transcript of each recipient. This information is also included in the Dean's Letter of evaluation.

4.2.1 Scholarships and Bursaries

DR. MAUDE E. SEYMOUR ABBOTT SCHOLARSHIPS – established in 1938 in honour of the late Maude E. Abbott, B.A., M.D., F.R.C.P.(Canada), LL.D.(McGill), to commemorate her distin-

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 Aid Office to undergraduate medical students on the basis of academic standing and financial need.

JAMES MOSES AND STELLA FROSST ALEXANDER SCHOLARSHIPS – established in 1992 to honour James Moses Alexander, a distinguished graduate of the Faculty of Medicine, McGill University (1934). Three scholarships are available each year for students with outstanding merit entering the four-year undergraduate program in the Faculty of Medicine. Awarded by the Faculty Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee. Value: Minimum \$8,000 each.

J.H.B. ALLAN SCHOLARSHIP – available to undergraduate medical students in any year. Awarded by the Student Aid Office.

JOHN AND BARBARA ALTSHULER ENTRANCE BURSARIES IN MEDICINE Established in 2006 by David Altshuler and the Altshuler family, in honour of his parents, John Altshuler, B.Sc. 1955, M.D., C.M. 1959, and Barbara Altshuler, DIP. P.Th., 1958. Awarded by the Student Aid Office to a full-time undergraduate student entering the Faculty of Medicine M.D., C.M. program, on the basis of demonstrated financial need and academic achievement. Renewable for a maximum of four years, provided the holder maintains the same level of financial need and academic standing. Estimated Value: \$5,000 each.

JACK AUERBACH MEMORIAL BURSARY – established in 2001 through a bequest by Jack Auerbach for students in the Faculty of Medicine. Awarded by the Student Aid Office on the basis of financial need.

JONATHAN BALLON SCHOLARSHIPS – established in 1995 through generous gifts from friends and family to honour the memory of Jonathan Ballon, B.A. 1947, M.D. 1952, a distinguished graduate of McGill. Awarded to outstanding Canadian students entering the four-year Medical degree program or the joint M.D./Ph.D. or M.D./M.B.A. programs. While academic excellence is of primary importance, professionalism, compassion and demonstrated leadership in athletics or other student activities will be considered. Awarded by the Faculty of Medicine Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee. Value: minimum \$3,000 each.

SIR EDWARD W. BEATTY MEMORIAL SCHOLARSHIPS FOR MEDICAL STUDENTS – income from a bequest of \$100,000 from the late Dr. Henry Albert Beatty provides scholarships for undergraduate and graduate students in the Faculty of Medicine. For students who hold or are working towards the McGill M.D., C.M., the award may be held at any approved institution in Canada or abroad. For other qualified students the award must be held at McGill. The holder is expected to devote the year of tenure either to research or to some form of special training excluding the normal training towards the M.D., C.M. and excluding any of the years of residency training required in the Diploma courses.

DR. BEN BENJAMIN MEMORIAL BURSARY – established by his sisters in memory of the late Ben Benjamin, B.A., M.D., C.M., Lecturer in the Department of Pediatrics. Awarded on high academic standing and financial need.

ETTIE ISRAEL BENNETT BURSARY – established in 1986 to be awarded for medical research to a deserving student as selected by the Faculty Scholarships Committee.

JOSEPH ISRAEL BENNETT BURSARY – a bequest from the late Joseph Israel Bennett provides an annual bursary for a deserving student.

LEONARD AND CAROL BERALL AND FAMILY BURSARIES – established in 2004 by Leonard and Carol Berall and family, for undergraduate medical students in the Faculty of Medicine. Awarded by the Student Aid Office on the basis of financial need to one or more students in good academic standing.

DR. PAUL E. BETTENCOURT BURSARIES – established in 2004 by Patrick Donovan in memory of Paul E. Bettencourt, M.D., C.M.,

1975, for medical students in the Faculty of Medicine. Awarded by the Student Aid Office on the basis of financial need to one or more students in good academic standing, preference may be given to students from the United States.

ANGELA “ANGIE” BERGMAN CANCER RESEARCH BURSARIES – established in 2003 by Richard Bergman in memory of his wife, Angela “Angie” Bergman. Awarded by the Faculty of Medicine's Student Research Committee to students in a medical or allied health undergraduate program who participate in a cancer-related research project at McGill University. Value: Two winter research bursaries of \$2,000 each and two summer research bursaries of \$2,700 each.

SYDNEY BLIDNER MEMORIAL MEDICAL SCHOLARSHIP – established in 1996 by a bequest of the late Mrs. Pauline Blidner Krupp in memory of her brother. Awarded by the Student Aid Office to worthy undergraduate students in any year in the Faculty of Medicine on the basis of academic standing and financial need.

DR. MAURICE BRODIE MEMORIAL SCHOLARSHIP – established in 1993 by Mrs. Edna Singer Brodie in memory of Dr. Maurice Brodie (M.D.'28). Awarded on the basis of academic standing and financial need by the Student Aid Office to undergraduate students in the Faculty of Medicine, tenable in any year.

NAT CHRISTIE SCHOLARSHIPS established in 1982 by the Nat Christie Foundation, thanks to a gift from Dr. Clara Christie Might, MDCM'25, the youngest sister of Nat Christie, and the first woman to practice obstetrics and gynecology in Alberta. These scholarships are awarded by the Student Aid Office to one or more medical students in good academic standing who demonstrate financial need Value: minimum of \$1,200.

CLASS OF MEDICINE 1943B BURSARY – established in 1995 by the Class of Medicine 1943B in honour of their 50th anniversary of graduation. A bursary awarded by the Student Financial Aid Office to a third year medical student in good academic standing who exhibits financial need.

CLASS OF MEDICINE 1954 - (DR. C.P. MARTIN IN MEMORIAM SCHOLARSHIP) – established in 1999 by the Class of Medicine of 1954, to celebrate their 45th and 50th anniversaries of graduation. Given in appreciation for the education they received at McGill, and in memory of their beloved professor of anatomy, Dr. C.P. Martin. Awarded on the basis of financial need by the Student Aid Office to medical students in good academic standing.

CLASS OF MEDICINE 1959 SCHOLARSHIP – established in 1999 by the Class of Medicine 1959 in appreciation for the education they received at McGill and in commemoration of the Class' 40th anniversary of graduation. Awarded on the basis of financial need by the Student Aid Office to medical students in good academic standing.

CLASS OF MEDICINE 1963 SCHOLARSHIP – established in 1998 by the Class of Medicine 1963 in appreciation for the education received at McGill and in commemoration of the Class' 35th anniversary of graduation. Awarded on the basis of financial need by the Student Aid Office to medical students in good academic standing.

CLASS OF MEDICINE 1972 BURSARY – established by the Class of Medicine 1972, in appreciation for the education they received at McGill, and in commemoration of their 25th Anniversary of graduation. Awarded on the basis of financial need by the Student Aid Office to medical students in good academic standing.

CLASS OF MEDICINE 1990 SCHOLARSHIP – established in 2002 by the Class of Medicine 1990, in appreciation for the education they received at McGill, and in commemoration of their 10th anniversary of graduation. Awarded, on the basis of financial need, by the Student Aid Office to medical students in good academic standing.

CLOUSTON MEMORIAL SCHOLARSHIP – endowed in 1986 by the family in memory of Dr. H.R. Clouston and his father, Dr. J. Clouston, both of Huntingdon, Quebec. Awarded by the Faculty Scholarships Committee to a medical student who undertakes a research project with preference to the field of genetics. Value: \$1,800.

MARK J. COHEN BURSARY -established in 2003 by Mark J. Cohen, M.D., C.M. 1992, for M.D., C.M. students in the Faculty of Medicine. Awarded by the Student Aid Office on the basis of financial need to one or more students in good academic standing.

MR. & MRS. JOHN HENRY COLLINS MEMORIAL BURSARY – endowed in 1986 by a bequest from Mrs. John Henry Collins to assist students in conducting medical research. Awarded by the Faculty Student Research Committee.

BEVERLEY COONER BURSARY – established by the family and friends of the late Beverley Cooner to assist a deserving student. Awarded with the approval of the National Council of Jewish Women on the basis of financial need and academic standing.

GEORGE CORCORAN SCHOLARSHIP – established by a bequest from Emily Jones Corcoran in memory of her husband. Awarded by the Faculty of Medicine Scholarships Committee to students in the undergraduate medical program with preference to students registered in the M.D./Ph.D. program. Value: minimum \$2,000.

JAMES H. CUMMINGS SCHOLARSHIPS – two or more entrance scholarships bequeathed by the late James H. Cummings. Awarded by the Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

MADHU BALA DHAWAN BURSARY FOR RESEARCH IN PALLIATIVE CARE OR CANCER – established in 2000 by Dr. K.C. Dhawan in memory of his wife. Awarded annually by the Faculty of Medicine Student Research Committee to a medical or allied health professional student who participates in a research project in either palliative care or cancer research at McGill University.

ANNIE DIAMOND BURSARIES – established in 1969 for medical students with financial need.

VICTOR DZAU AND RUTH COOPER-DZAU RESEARCH BURSARY – established by Dr. Victor Dzau, B.Sc. 1968, M.D.,C.M. 1972, and Ruth Cooper-Dzau, B.PhysTher 1972, to support undergraduate students in the Faculty of medicine conducting research under the guidance of a professor during the summer months. Awarded annually by the office of the Associate Dean, Research Office, of the Faculty of Medicine to undergraduate students in their 1st and 2nd year of a four-year medical or nursing or physical and occupational therapy degree program. Preference will be given to medical students. Value: minimum \$3,000; may be divided to fund more than one student.

SAMUEL EIDLOW MEMORIAL BURSARY FUND – established for worthy medical undergraduate students with financial need.

CHANCELLOR FERRIER MEMORIAL BURSARY – established by Mrs. Herbert V. Lacey in memory of her great-grandfather, Senator James Ferrier, Chancellor of McGill from 1884 to 1889. Awarded on the basis of academic standing and financial need, with preference to students from the State of Wyoming.

DR. E.M. FISHER MEMORIAL SCHOLARSHIP – available to any medical undergraduate student and awarded by the Student Aid Office.

SIMON AND ROSALIE HALPERN MEMORIAL SCHOLARSHIP – established by the late Dr. Fanny G. Halpern in memory of her parents. Available to students of the Roman Catholic or Jewish faith who have distinguished academic standing and financial need. The recipient in any one session may re-apply for the following year. Value: \$400.

MARJORIE HAMPSON BURSARIES Established in 2005 by Lawrence G. Hampson, B.Sc. (1947), M.D., C.M., (1949) M.Sc. (1953), Dip. Surgery (1955), in memory of his wife Marjorie Hampson, for one or more medical students in good academic standing who demonstrate financial need. Awarded by the Student Aid Office.

DR. DAVID M. AND DONALDA L. HARVEY SCHOLARSHIP – established in 1995 by Dr. David M. Harvey (M.D. 1955) and his wife Donalda, to support medical students based on academic standing and demonstrated financial need. The scholarship is tenable in any year and may be renewed. Awarded by the Student Aid Office. Value: \$2,000.

WALTER J. HOARE MEMORIAL SCHOLARSHIP – endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory

of his son, Walter J. Hoare, who was killed in World War I. Preference is given to graduates of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine.

KEITH HUTCHISON MEMORIAL SCHOLARSHIPS – two or more scholarships, in memory of the late Dr. Keith Hutchison. Awarded on the basis of distinguished academic standing and need; tenable in any year. The recipient in any session may re-apply for the following year.

IVES SCHOLARSHIP – established in 1967 by a bequest of the late David Fraser Murray, M.D.,C.M., 1924. Awarded on the basis of financial need with preference given to students from Nova Scotia, New Brunswick or Prince Edward Island.

CAMPBELL KEENAN MEMORIAL SCHOLARSHIP – established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. Tenable in the second, third, or fourth year; and awarded on the basis of distinguished academic standing and financial need to an applicant who intends to enter surgical practice. The recipient in any session may re-apply for the following year.

JAMES GRAHAME KER AND FREDERICK K. PETRIE MEMORIAL SCHOLARSHIP – awarded to a student from Eastern Ontario (Counties of Dundas, Stormont, Glengarry, Grenville, Carleton, Russell and Prescott) or from Montreal. Based upon distinguished academic standing and financial need; tenable in second year and may be renewed.

KINCH MEMORIAL BURSARY – established by Miss Dia Joyce in memory of Mr. and Mrs. C.H. Kinch to assist medical undergraduates.

FREDERICK PENTON LOFTUS LANE BURSARY FUND – established in 1979 by a bequest from Esther M.E. Lane. Awarded by the Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

LEUKEMIA RESEARCH FUND BURSARY – established in 1992 by the Leukemia Research Fund. Awarded annually by the Faculty Student Research Committee to a medical student who participates in a summer research project in leukemia-related research at McGill University. Value: \$3,500.

DR. GABRIEL LEUNG MEMORIAL AWARD – established in 1987 by Mrs. Jane Leung and friends, through the Education Foundation of the Federation of Chinese Canadian Professionals, in memory of Dr. Gabriel Leung, who graduated from McGill with his M.D.,C.M. in 1972. Awarded by the Faculty Scholarships Committee to a second year medical student for achieving academic excellence or to pursue an independent research project under the direction of the Faculty. Financial need can be part of the consideration.

GUSTAV LEVINSCHI SCHOLARSHIP FUND – endowed in 1986 for needy medical students requiring assistance in the pursuit of their studies.

DR. DAVID T.W. LIN FOUNDATION SCHOLARSHIP – established in 1993 in honour of Dr. David T.W. Lin, B.Sc. (1937), M.D.(1940), O.C., Surgeon Emeritus at the Royal Victoria Hospital, Honorary President of the Montreal Chinese Hospital and a leader in the Chinese community. Awarded by the Student Aid Office to a medical student on the basis of academic achievement and demonstrated need. Preference will be given to students of Chinese origin. Value: \$2,600.

JUDITH ANNE WRIGHT LITVACK BURSARIES – bequeathed in 1999 by Judith Litvack to support the research bursary program for students in the Faculty of Medicine. The research projects supported are to be in the disorder anxiety. One or more bursaries in each of the two research committee. Value: minimum \$2,000.

DR. HAROLD N. LYNGE BURSARIES – established in 2004 by Dr. Harold N. Lynge, M.D., C.M., 1949, for one or more undergraduate medical students in good academic standing in the Faculty of Medicine who demonstrate financial need. Awarded by the Student Aid Office on the basis of financial need.

ANJNA AND JOGINDAR MAJHAIL SCHOLARSHIP – established in 2004 by Anjna Majhail, M.S.W. 1972, in memory of her late husband Jogindar Majhail. Awarded by the Faculty of Medicine's

Scholarship Committee to an outstanding student entering first year Medicine who demonstrates academic excellence. The scholarship is renewable for three years provided the holder maintains satisfactory academic standing. Value: minimum \$5,000.

GEORGE LYMAN MASTEN SCHOLARSHIPS – established in 2000 through a bequest by Charles H. Masten, M.D., C.M. 1893. Awarded by the Student Aid office to students in the Faculty of Medicine, with a preference to candidates born or educated in the counties of St. Johns or Stanstead, Quebec to provide need-based scholarships for meritorious and needy students.

HILTON J. MCKEOWN SCHOLARSHIPS – established by a bequest from Hilton J. McKeown (M.D. 1927) to the Friends of McGill to provide financial support to students in the Faculty of Medicine. Awards are granted on the basis of academic achievement and the value of each award will depend upon financial need and other awards held. Preference will be given to students in the M.D., C.M./Ph.D. program. Awarded by the Faculty of Medicine. Value: minimum \$500 each.

DR. CLARKE K. MCLEOD MEMORIAL SCHOLARSHIP FUND – established in 1979 by a bequest from Dr. Clarke K. McLeod, M.D., C.M., 1927 to provide scholarships for undergraduate medical students.

DR. H.K. NELSON BURSARY FUND – established in 1986 to be used to further the education of worthy medical students. Awarded on the basis of academic standing and financial need.

PAPANASTASIOU FAMILY BURSARY -established in 2003 by Olga Huk Papanastasiou, B.Sc. 1980, M.D.C.M. 1984, and her husband, Vasilios Papanastasiou, M.D.C.M. 1979, M.Sc.1984. Awarded by the Student Aid Office on the basis of financial need to one or more medical students in the Faculty of Medicine in good academic standing.

PHARMACEUTICAL MANUFACTURERS ASSOCIATION OF CANADA, HEALTH RESEARCH FOUNDATION SUMMER RESEARCH SCHOLARSHIPS – three to six summer research scholarships will be awarded to undergraduate medical students for pharmacological research in the broadest context. A maximum of two scholarships can be renewed for a second year. Recipients must be Canadian citizens or Permanent Residents who demonstrate a willingness to make a significant commitment to research. Awarded by the Faculty Student Research Committee. The recipients may be requested to attend an awards ceremony or other PMAC events (all costs paid by the PMAC-HRF). Recipients will also be eligible for consideration for \$1,000 travel grants to enable them to present their work at a PMAC sponsored conference or a national/international research meeting. Value: approximately \$4,000 each.

AURORE PICARD BURSARY – a bequest from the late Aurore Picard provides an annual medical research bursary for a meritorious student. Awarded by the Faculty Scholarships Committee.

MARTHA JANE POULSON MEMORIAL SCHOLARSHIP – established in 2002 by the Class of Medicine 1980 to honour the memory of Martha Jane Poulson, M.D., C.M. 1980. Dr. Poulson exemplified excellence in the practice of both the art and science of Medicine. She also had a remarkable commitment to developing her skills and sensitivities in the arts and humanities. As a concert pianist, singer and leader in her community, she overcame physical adversity with emotional and spiritual strength that awed her friends and colleagues. Awarded on the basis of financial need by the Student Aid Office to medical students in good academic standing. Preference shall be given to students with physical disabilities.

IVAN RACHEFF SCHOLARSHIPS – established in 1986 to be awarded by the Faculty Student Research Committee to medical students who demonstrate an interest in research in public health and/or the effects of pollution or pollutants on the human body.

SAMUEL ROSENFELD BURSARY – established by Mrs. Ida Rosenfeld Letovsky in memory of her late husband, Mr. Samuel Rosenfeld, to support worthy undergraduate medical students.

REUBEN ROSS MEMORIAL AWARD – the income from a bequest of the late Reuben Ross provides an annual award to medical students in financial need.

SOLOMON DAVID SACKS BURSARY – established in 1973 by Mr. and Mrs. Issie Sacks in memory of their son, to assist a deserving medical student in financial need.

ROSE SCHWARZ - HELEN MARCUS BURSARY – established by the family and friends of the late Rose Schwarz and the late Helen Marcus. To assist a needy, deserving student engaged in summer work in cancer research. Awarded with the approval of the National Council of Jewish Women.

DR. JACOB C. SCHWARTZMAN SCHOLARSHIP – established in 1983 by Helaine Livingstone, B.A. 1960, in memory of her father, Dr. Jacob C. Schwartzman, M.D., C.M. 1927. To be awarded to a student in the Faculty of Medicine on the basis of academic standing and financial need. Candidates must be Canadian or Permanent Residents.

HARRY SHANKMAN SCHOLARSHIPS – a bequest from the late Annette Shankman Rieder in honour of her brother Harry Shankman, M.D., provides annual scholarships for meritorious medical students in the M.D./Ph.D. program. Awarded by the Faculty of Medicine Scholarships Committee, on the recommendation of the M.D./Ph.D. Program director. Value: minimum \$3,000 each.

ROBERT SHARWOOD MEMORIAL SCHOLARSHIP – tenable in any year of the undergraduate course in Medicine. It is awarded on the basis of distinguished academic standing and financial need. The recipient in any one session may re-apply for the following year.

ROSALINE SHINDER MEMORIAL RESEARCH BURSARY – established in 1987 by her family in memory of Rosaline Shinder. Awarded by the Faculty Scholarships Committee to a medical student for cardiac or related research.

BRUCE SMITH BURSARY FUND – from a bequest by the late Dr. Bruce Stewart Smith to enable worthy students with financial need to complete medical training at McGill University.

ALLAN JAY SOLOMON AWARD – a fund of \$2,000 established in 1977 by family and friends in memory of the late Allan Jay Solomon, M.D., C.M. The income provides an annual award tenable in any year; awarded for distinguished academic standing and financial need.

ROBERT ROLF STRUTHERS BURSARY – the income from a bequest of the late Robert Rolf Struthers (Medicine 1918) provides support for a needy Canadian student entering third year Medicine.

DR. JOSEPH TANZMAN AWARD – a bequest establishing an award in honour of Dr. Joseph Tanzman, M.D., C.M., 1927. Preference is given to a medical student from New Brunswick but if there is no such candidate the award may be given to any deserving student in the Faculty of Science. Awarded by the Scholarships Committee of the Faculty of Medicine or the Faculty of Science.

DR. ARTHUR M. VINEBERG SCHOLARSHIP – established in November 1997 by Mrs. Elaine Leopold-Sargent, niece of Dr. Arthur M. Vineberg, B.Sc. (Arts) 1924, M.Sc. 1928, Ph.D. 1933, in recognition of Dr. Vineberg's work as pioneer of modern cardiac surgery and long-time lecturer in the Faculty of Medicine. Awarded on the basis of outstanding academic merit by the Faculty Scholarships Committee to students entering or in the four-year undergraduate program in the Faculty of Medicine. Value: \$6,000.

MARY AND STUART WEBSTER BURSARY FUND – established in 2001 through a generous gift from Mary G. Webster, B.A. 1938. The annual income will be used to assist Canadian students entering Medicine or related health sciences programs who have demonstrated financial need. Preference will be given to deserving women students. Value: minimum \$5,000; renewable subject to satisfactory standing.

DR. MILTON C. AND NINA E. WILSON AWARD

Established in 1970 by a bequest from the late Dr. Milton C. Wilson. The annual income provides support for undergraduate or postgraduate students in the Faculty of Medicine who are in financial need.

GEORGE WIOR FOUNDATION BURSARIES – three bursaries in the amount of \$2,500 each, awarded annually to students in financial need with good academic standing. One bursary to a student in each of second, third and fourth year. The bursary is renewable only if academic standing is maintained.

4.2.2 Prizes

JOHN H. ALTSHULER PRIZE IN FAMILY MEDICINE

Established in 2006 by David Altshuler and the Altshuler family, in honour of his father, John Altshuler, B.Sc. (1955), M.D., C.M. (1959). Awarded annually by the Faculty of Medicine to a graduating medical student with the highest mark in the family medicine clerkship. Estimated value: \$1,000

MR. AND MRS. J.A. BESNER PRIZE – awarded to the student obtaining the highest standing in the Introduction to Clinical Medicine component of the medical undergraduate course. Estimated value: \$1,500.

H.S. BIRKETT MEMORIAL PRIZE IN OTOLARYNGOLOGY – established by Miss Winifred Birkett in memory of her father, the late Dr. H.S. Birkett, formerly Professor of Otolaryngology. Given to the student who has shown outstanding performance in Otolaryngology. Minimum value: \$1,500.

JAMES Q. BLISS ANNUAL BOOK AWARD – awarded to the student who obtains the highest standing in the Gas, Fluids and Electrolytes unit. Minimum value: \$100.

BOEHRINGER INGELHEIM (CANADA) LTD. AWARD – an annual award, accompanied by a personalized plaque, established in 1991 by the Boehringer Ingelheim (Canada) Ltd./Ltée. The Faculty of Medicine will choose a fourth year medical student who is in excellent academic standing and demonstrates clinical professionalism in the field of either respiratory or cardiology. It is preferable that this student not hold another award concurrently. Value: \$500.

CARLO BOS PRIZE – established in 1991 in memory of Dr. Carlo Bos, a humane and respected psychiatrist who taught a multitude of medical students at the Allan Memorial Institute. Awarded by the Coordinating Committee for the Introduction to the Patient and Introduction to the Practice of Medicine courses to the student who has demonstrated the greatest proficiency in the clinical skills preparatory to the practice of medicine. Minimum value: \$200.

BOWMAN CORNING CROWELL AWARD – established in 1979 by a bequest from Frances B. Crowell. To be awarded to an undergraduate medical student engaged in research in Pathology.

JOSEPH MORLEY DRAKE PRIZE – founded by the late Joseph Morley Drake, M.D., awarded to the student with the highest standing in the Pathobiology, Prevention and Treatment of Disease unit. Minimum value: \$1,000.

DR. PHILIP EIBEL PRIZE IN ORTHOPEDIC SURGERY – established in 1998 by Miss Debora Eibel, B.A. 1960, in memory of her father, Dr. Philip Eibel, B.A. 1929, M.D., C.M. 1933. The prize shall be awarded to a medical student, resident, or fellow who has exhibited outstanding achievement during training in orthopedic surgery.

SHIRLEY NANCY ENDMAN PRIZE – established in 1982 by Louis Endman in memory of his wife. Awarded to the student who obtains the second highest standing in the Gas, Fluids and Electrolytes unit. Minimum value: \$100.

EPIDEMIOLOGY BOOK PRIZE – awarded to the student who obtains the highest standing in Epidemiology and Health in Year 1 of the medical curriculum.

SHIRLEY RIVA FISHER PRIZE – established in 1985 by Randy Fisher in memory of his mother, Shirley Fisher. Awarded to the medical student showing the most promise and sensitivity in the area of Palliative Care in Medicine. Value: \$100.

ROBERT FORSYTH PRIZE – bequeathed by the late Miss Jeanie Forsyth, awarded annually to the graduating student who has shown particular ability in all branches of Surgery. Minimum value: \$450.

CHARLES E. FROSST MEDICAL PRIZE AND BRONZE MEDAL – a bronze medal and prize are awarded annually to a student, in the Basis of Medicine, who has achieved excellence in the Unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, the most promise in the field of Pharmacology. Value: \$1,000.

CLAUDE GIROUD PRIZE IN PEDIATRICS – established in 1981 in memory of Dr. Claude Giroud, Physician-Endocrinologist of the Montreal Children's Hospital and McGill University. Awarded on the basis of scientific merit to the author of a paper suitable for publication in a pediatric journal. The prize is open to medical students and to residents and fellows in pediatric training. Awarded by the Faculty of Medicine. Value: \$250.

ELIZABETH ANN MUNRO GORDON PRIZE – established in memory of Dr. Elizabeth Ann Gordon. Awarded to the member of the graduating class, who in the opinion of the Faculty and students, embodies the highest qualifications to practise medicine and has demonstrated outstanding leadership abilities.

ROBERT B. GREENBLATT PRIZE – endowed in 1987 by Dr. Robert B. Greenblatt, an eminent endocrinologist and professor emeritus at the Medical College of Georgia, who graduated from McGill with a B.A. in 1928 and an M.D., C.M. in 1932. Awarded by the Faculty Scholarships Committee to the student who obtains the highest standing in the Life Cycle unit. Minimum value: \$1,500.

HARRY S. GROSS MEMORIAL PRIZE – bequeathed by the late Mrs. Esther B. Gross in memory of her late husband, Harry S. Gross, D.D.S., 1913, M.D., C.M., 1921. Awarded to the student in the Introduction to Clinical Medicine component with the highest standing in the Introduction to Surgery course. Minimum value: \$300.

ARTHUR S. HAWKES FELLOWSHIP – established in 2000 through a generous bequest by Dr. Arthur S. Hawkes, Ph.D. 1945. Awarded by the Faculty of Medicine to an outstanding student in the Department of Biochemistry. Value: minimum \$5,000.

JOSEPH HILS PRIZE – founded by the late Dr. Joseph Hils, of Woonsocket, R.I. Awarded to the student obtaining the highest standing in the Musculoskeletal and Blood unit. Minimum value: \$500.

CAMPBELL HOWARD PRIZE IN CLINICAL MEDICINE – founded by Mrs. Campbell Howard in memory of the late Dr. Campbell P. Howard, Professor of Medicine at McGill. Awarded to the student in the Introduction to Clinical Medicine component with the highest standing in the Introduction to Internal Medicine course. Minimum value: \$300.

F. SLATER JACKSON PRIZE – founded by Mr. and Mrs. H.F. Jackson in memory of their son, the late F. Slater Jackson, M.D. Awarded to the student with the highest standing in the Molecules, Cells and Tissues unit. Minimum value: \$750.

CAMPBELL KEENAN MEMORIAL PRIZE IN CLINICAL SURGERY – established by the late Miss Charlotte Mildred Agar in memory of the late Dr. Campbell B. Keenan. Awarded to the graduating student who has shown the highest proficiency in Clinical Surgery. The winner of the Robert Forsyth Prize in Surgery is ineligible. Value: \$100.

LECLERC MEDICAL STUDENT TRAVEL AWARD – established by an endowment from Dr. J.R. Leclerc who has always valued education at a high level. Income from this fund will be used to permit medical students doing summer research projects to present their work at scientific meetings. If the need arises, income can also be utilized for summer research bursaries. Awarded by the Faculty of Medicine Scholarships Committee.

REILLY MADSEN PRIZE – established to honour the memory of Reilly Madsen who was Manager, Records and Research, Development and Alumni Relations Services. Awarded, on recommendations from faculty and students, to a student with good academic

standing who had demonstrated exceptional warmth and empathy towards patients. Minimum value: \$500.

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

FRANCIS McNAUGHTON PRIZE – established in 1980, a prize and a book are awarded to the student with the highest standing in the Nervous System and Special Senses unit. Prize value: \$200.

JAMES O. MEADOWS AND MARIA MEADOWS AWARDS – income from a bequest of \$200,000 from the late Dame Maria Cowan Meadows provides awards for undergraduate and graduate students in the Faculty of Medicine who are engaged in research. Preference is given to candidates working in cancer research but worthy candidates in other areas of medical or surgical research are also considered. Application is made to the Dean of the Faculty of Medicine.

MERCK, SHARP & DOHME OF CANADA LIMITED AWARD – an award plus a Merck Manual of Diagnostics and Therapeutics. Established by Merck, Sharp & Dohme of Canada Limited for undergraduates in the Faculty to support research in the field of therapeutics. Awarded by the Faculty Student Research Committee. Award value: \$1,000.

MONTREAL CHILDREN'S HOSPITAL CUSHING MEMORIAL PRIZE – awarded to the student with the highest standing in Pediatrics. Value: \$300.

SEAN MURPHY AWARD – established in 1997 from a bequest of the late Miss Dorothy Brown. Award is competitive based on merit and excellence. Awarded by a committee of the Department of Ophthalmology to a student in ophthalmic pathology, with a preference for graduate students or postdoctoral fellows.

RONALD DOUGLAS NAYMARK AWARD – established by the Medical Class of 1984 in memory of Ronald Douglas Naymark, B.Sc., M.D., C.M. (McG.), this award is given to that member of the graduating class who most enriches the life of the class in the eyes of his or her peers. The award seeks to recognize an individual who inspires trust and confidence, optimism and enthusiasm in his or her medical colleagues. The individual is a participant in class activities and is in satisfactory academic standing.

MARK NICKERSON PRIZE – established in 1990 by the Department of Pharmacology and Therapeutics in honour of Professor Mark Nickerson, a renowned McGill pharmacologist. Awarded to the student, in the Basis of Medicine, who has achieved excellence in the unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, an understanding of the role of pharmacology and therapeutics in contemporary society. Recipients will also receive a scroll. Value: \$250.

NEWELL W. PHILPOTT AWARD – established in 1986 by the Department of Obstetrics and Gynecology in honour of Newell W. Philpott, M.D. (1926), Chairman of the Department from 1943 to 1956. This award is to commemorate Dr. Philpott's excellence as a teacher of medical students and residents as well as his many contributions in the field and to the Department of Obstetrics and Gynecology. Awarded to a graduating student for academic achievement and clinical excellence on the recommendation of the Department. Value: \$500.

BRIAN NEWTON MEMORIAL AWARD – established by the Class of Medicine 1985, in appreciation for the education they received at McGill, and in memory of their fellow classmate Brian Newton, B.Sc. 1981, M.D., C.M. 1985. Awarded by the Faculty of Medicine's Committee on Student Promotions and Curricular Outcomes to the student who obtains the highest standing in the Obstetrics and Gynecology clerkship. Value: \$400.

PRIZE IN FORENSIC MEDICINE – established in 1953, awarded to the second year medical student registered in course "Medical Ethics and Health Law" who writes the best essay, as assigned in the course syllabus, on the topic of medical ethics and health law. Minimum value: \$1,500.

PSYCHIATRY PRIZE – awarded on the recommendation of the Department of Psychiatry to the student who has shown the most promise in this field. Value: \$200.

SAMUEL ROSENFELD PRIZE – is awarded to the student with the highest standing in Host Defence and Host/Parasite Relationships unit. Minimum value: \$300.

MONA BRONFMAN SHECKMAN PRIZE – awarded to the student with the highest academic standing in Psychiatry. Minimum value: \$1,250.

E. DAVID SHERMAN AWARD IN GERIATRIC MEDICINE – awarded to the most outstanding student in the field of clinical geriatric medicine. Minimum value: \$1,500.

DR. JOSEPH SHUGAR - JEWISH GENERAL HOSPITAL PRIZE IN ORTHOPAEDICS – established in 1989 in memory of Dr. Joseph Shugar who was Orthopaedic Surgeon-in-Chief at the Jewish General Hospital. Dr. Shugar established an enviable reputation for clinical teaching at both the undergraduate and postgraduate levels and was active in national and international affairs. This award is granted annually to a graduating medical student who, during his/her undergraduate career, demonstrates the greatest knowledge and proficiency in Orthopaedic Surgery. Selection will be made by the Division of Orthopaedic Surgery. Value: \$350.

DR. ALLEN SPANIER PRIZE FOR PROFESSIONALISM IN MEDICINE – established in 1999 by Beverly Spanier, BA'67 to honour the memory of her brother Dr. Allen Spanier, MDCM'72. Dr. Spanier was chief of the Intensive Care Unit at the Jewish General Hospital for 21 years. Awarded annually by the Faculty of Medicine to a graduating student who has maintained high academic standing and exhibited a high standard of professionalism and compassion towards patients, their families, fellow students, and University and hospital staff during the Practice of Medicine component of the curriculum. In case of a tie, financial need will be used to determine the recipient. Minimum Value: \$500.

ALEXANDER D. STEWART PRIZE – founded by the late W. Grant Stewart (Arts, 1885; Medicine, 1888) in memory of his brother, the late Alexander D. Stewart (Medicine, 1888). Awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every aspect the highest qualifications to practise the profession. Minimum value: \$750.

MARY AND LOUIS STREICHER PRIZE – established in 1980, awarded to the student with the highest standing in the Endocrinology, Metabolism and Nutrition unit. Minimum value: \$700.

SUTHERLAND PRIZE – founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in the Faculty. Awarded to the student who obtains the highest standing in the Basis of Medicine component of the medical undergraduate curriculum. Minimum value: \$750.

WILLIAM V. VICTOR AWARD – established in 2000 by Laura Victor, B.A. 1932, in memory of her husband, William V. Victor, B.Com. 1931, F.C.A. Awarded by the Faculty of Medicine Jury of the Annual Student Research Day to a meritorious undergraduate medical student. Value: minimum \$1,000.

J. FRANCIS WILLIAMS PRIZE IN MEDICINE AND CLINICAL MEDICINE – founded by the late J. Francis Williams, M.D. Awarded to the student obtaining the highest standing in the Internal Medicine Clerkship of the medical curriculum. Value: \$500.

4.2.3 Medals

HOLMES GOLD MEDAL – founded by the Medical Faculty in 1865, in memory of the late Andrew Holmes, M.D., LL.D., Dean of the Faculty. It is awarded to the student graduating with the highest aggregate standing in the entire medical curriculum.

WOOD GOLD MEDAL – endowed by Casey A. Wood, M.D., LL.D. in memory of his grandfather, Thomas Smith Wood. It is awarded for the most outstanding clinical performance achieved by a student in the Clerkship Period. The winner of the Holmes Medal is not eligible.

4.2.4 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.*

DAVID M. CALDWELL STUDENT LOAN FUND – established in 1973 by a bequest from the late David M. Caldwell, M.D.(1919) to assist students in the Faculty of Medicine, with preference to American students.*

CLEMENT C. CLAY MEMORIAL LOAN FUND – established in 1985 by a bequest from Clement C. Clay, M.D.(1932) to provide loan assistance for students born in the United States who are registered in the Faculty of Medicine.*

ALEC AND SYLVIA DOLLIN LOAN FUND – established in 1965 by Mr. Alec Dollin to provide loans for medical students.*

KELLOGG LOAN FUND – established by the Kellogg Foundation. It provides loans up to a maximum of the tuition fees in any one year. Available to students in good standing and with financial need. Application and regulations are as for other loan funds of the University.*

LACEY LOAN FUND – established in 1962 by a donation from Mrs. Herbert Van Devanter Lacey, Cheyenne, Wyoming, primarily to aid medical students from the State of Wyoming. It may however be extended to others in accordance with the following priorities: medical students from the State of Wyoming; dental students from the State of Wyoming; medical students from other states of the U.S.A.; medical students from other countries. Loans are not to exceed \$700 per year.*

GEORGE W. MERCK MEMORIAL LOAN FUND - established in 1960 by the Merck Company Foundation to provide loans for undergraduate medical students, interns and residents.*

GERTRUDE MUDGE MEMORIAL STUDENT AID FUND - established in 1958 by donations from students, graduates, and staff in memory of the late Gertrude Mudge, for many years Assistant Secretary of the Faculty of Medicine. Loans shall not exceed the fees for the year.*

WESTON FAY VOLBERG JR. MEMORIAL LOAN FUND - established in 1956 by classmates of the late Weston Fay Volberg, Jr., M.D.,C.M.(1953). It is available to medical students.*

*Apply to Student Aid Office.

4.3 Programs of Study, Admission and Curriculum

4.3.1 Undergraduate Programs of Study

The Faculty of Medicine offers a four-year undergraduate medical curriculum. Students are ordinarily admitted into the first year of this program but admission is also available to Québec students by means of a 5-year Med-P program directly after CÉGEP.

An M.D./Ph.D. program is offered for students interested in a research career in academic medicine.

For students interested in both Medicine and Management, the Faculties of Medicine and Management offer a five-year program leading to an M.D./M.B.A. degree.

The Faculty does not accept students for part-time medical studies.

The language of instruction is English.

4.3.2 Requirements for Admission

4.3.2.1 M.D., C.M. (Four-year) Program

1. Undergraduate Degree

- a) Applicants must have received an **undergraduate degree**, or be in the final year of a course of study at a recognized college or university leading to an undergraduate degree consisting of 120 credits over eight semesters following completion of high school.
OR
- b) Students who have received a Diploma of Collegial Studies (DEC from CEGEP) in the Province of Quebec must have completed a minimum of 90 credits (six semesters) in a Quebec university to obtain the required degree.
OR
- c) Quebec residents who, having received credit for their Diploma of Collegial Studies (DEC), elect to complete their **undergraduate degree** outside the Province of Quebec (other Canadian provinces, U.S.A. or elsewhere) will be required to complete an **undergraduate degree** with a minimum of 90 credits (six semesters) at the non-Quebec university to be eligible to apply.
OR
- d) Students who fail to complete a Diploma of Collegial Studies (DEC) before transferring to a non-Quebec university must complete a four-year degree.

Successful candidates must be in receipt of the Bachelor's degree by the time of registration for the first year of the medical curriculum.

Although the Faculty attempts to ensure by means of the specific requirements listed below that all students have an adequate preparation in science, it also wishes to encourage students from a variety of backgrounds to select medicine as a career. Prospective applicants are therefore advised to pursue courses of study, whether in the natural or social sciences or the humanities, which appeal to them and which have as their aim a broad education and intellectual training rather than merely anticipating the medical curriculum. In all programs of study, to be admissible prospective applicants should have carried a full load of courses (15 credits per semester). Official transcripts must have numerical or letter grades. Narrative transcripts are not acceptable.

SCIENCE REQUIREMENTS

These consist of one full year (2 semesters) university-level course, with laboratory work, in each of the following:

- General biology
- General chemistry
- Organic chemistry (one semester only)
- Physics

AND

One semester university-level course, with laboratory work in:
Organic chemistry

It is important to note that in all of the above courses Pass/Fail grades are not acceptable.

Prerequisite courses completed more than eight years ago must be repeated. Exception may be made for applicants with advanced degrees in the material concerned.

University-level courses in biochemistry or cell and molecular biology are strongly recommended.

MEDICAL COLLEGE ADMISSION TEST (MCAT)

All applicants who wish to apply to the M.D., C.M. program must have taken the MCAT and submit the results at the time of application. This test is conducted by the MCAT Program Office, P.O. Box 4056, Iowa City, IA 52243; telephone (319) 337-1357, mcata_reg@act.org; www.aamc.org/students/mcat, and is given several times a year at various centres.

The MCAT assesses mastery of basic concepts in biology, chemistry, and physics; facility with scientific problem-solving and critical thinking; and writing skills. The skills and concepts tested are those identified by physicians and medical educators as prerequisite for the practice of medicine. Information regarding the

MCAT as well as practice tests can be found on their website at www.aamc.org/students/mcat.

The test should be retaken if it was written more than three years before the date of application. For applicants whose first language is not English, this fact will be taken into account in assessing the results of the test.

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 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 or letter grades for all courses completed AND
- the candidate meets the specific requirements of science prerequisites 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.

4.3.2.2 MED-P Program

1. Diploma of Collegial Studies in *Sciences de la Nature*:

Applicants who are citizens or Permanent Residents of Canada living in the Province of Quebec who will complete two consecutive years of the *Sciences de la nature* profile of the Quebec Colleges of General and Professional Education (CEGEP) and who are currently enrolled in the second and final year of the Diploma of Collegial Studies (DEC) are eligible to apply for the Med-P program. **These applicants, however, must have carried full course loads in each of the regular four consecutive semesters of study.**

The DEC *Intégré* may also be acceptable providing the candidates have completed the approved number of science prerequisites - two courses acceptable to both of the McGill Faculties of Medicine and Science in each of: Biology, Chemistry, Physics, and Mathematics. Should the course content of any of these fail to satisfy the criteria of the Med-P year, the student may be required to replace electives by one or more of these courses as part of the Med-P curriculum.

2. Required competencies:

- Biology: OOUK, OOXU;
- Chemistry: OOU, OOU, OOXV;
- Mathematics: OOUN, OOU;
- Physics: OOUR, OOUS, OOUT.

3. Recommended course: Second organic chemistry: those who do not take this course for Med-P in CEGEP will be required to take an equivalent course in the first year of the program.

All courses must have numerical grades in order to be acceptable.

Please note that:

- a) **The Medical College Admission Test (MCAT) is NOT required for entry into the Med-P program.**
- b) **The following applicants must fulfil the requirements for, and make application to, the M.D.,C.M. program:**
 1. Applicants who are completing a Diploma of Collegial Studies (DEC) in more than two years (with the exception of certain students taking a "double DEC" or those enrolled in an approved Sports-Études program);
 2. CEGEP students who have formerly been enrolled in college or university programs or in post-secondary technical schools, within or outside of the province;
 3. Applicants who have already obtained a Diploma of Collegial Studies;
 4. Applicants who have already obtained a Diploma of Collegial Studies and who are registered in an undergraduate degree program or have completed an undergraduate degree.

In the first year of the Med-P program students are registered in the Faculty of Science. In addition to completing the specific requirements for entry into the M.D., C.M. program, they must take

a number of optional courses selected for the purpose of broadening and enriching their education. Following the successful completion of this year, these students with a CGPA of 3.5 and grades B or higher in each of the compulsory courses proceed into the first year of the M.D.,C.M. program.

It should be noted that there are many more applicants for the Med-P program than can be accepted. Unsuccessful applicants are often well qualified for admission into other undergraduate degree programs (e.g., B.A., B.Sc.). All applicants are advised to apply for an alternate program. This can be done by making a secondary program selection when submitting an online application. Website: www.mcgill.ca/applying/online.

Curriculum

The curriculum recognizes the importance of a solid data base and a multidisciplinary approach to medical education with an integration of clinical and basic science experience. It is designed to permit a variety of teaching and evaluation methods recognizing the particular importance of small group teaching. It also focuses on the strengths of teaching available in basic science departments and the close cooperation and coordination between the basic and clinical scientists at McGill University. A current focus is on the roles of the physician as a professional and a healer ("physicianship").

The curriculum consists of four components: Basis of Medicine (BOM), Introduction to Clinical Medicine (ICM), Clerkships and Senior Clerkships.

The BOM component occupies the first 18 months of medical school, ICM occurs in the second half of the second year, and Clerkships is given in the third year. The Senior Clerkships component occupies the fourth year. The BOM component consists of nine system-based units and focuses on normal structure and function, disease prevention and therapy. There is a significant interdisciplinary based aspect to all clinical teaching. In addition, the Physicianship Program permits early introduction of students into the hospital.

In January of the second year, the students begin their full-time activity in the clinical settings (ICM). This commences with a course devoted to clinical skills, physical diagnosis, medical ethics and jurisprudence, and evidence-based medicine. The students subsequently participate in clinical rotations in Internal Medicine, Dermatology, Neurology, Surgery, Surgical sub-specialties, Anaesthesiology and Radiology. There is also an ongoing ambulatory outpatient-based experience in primary care.

In the third year, the students enter clerkship, which covers all the major clinical areas as well as permitting elective time.

From August of the fourth year to graduation, the final block of teaching includes opportunities to learn about Medicine in Society, rotations in emergency medicine, geriatrics and surgical subspecialties and 5 electives in either basic or clinical sciences. There are also further opportunities for research.

Thus, the curriculum provides interdisciplinary integrated clinical and basic science teaching with early exposure to clinical experience for medical students. There is a horizontal and vertical integration emphasizing reinforcement of important basic science and clinical knowledge in the clinical context. Flexibility in the program permits opportunities for clinical and research experience as well as diversity of ongoing clinical inpatient and ambulatory care experiences. Evaluation will be reflective of the objectives of this curriculum. (See Curriculum Outline [section 4.3.8 "Curriculum Outline"](#)).

4.3.2.3 M.D./ Ph.D. Program

Students interested in a research career in academic medicine may wish to apply for admission to the M.D./Ph.D. program. This is a seven-year program in which a basic and clinical sciences portion of the medical curriculum are completed from September of year one to December 31 of year two, prior to the beginning of full-time graduate studies. The latter are expected to last three, but no more than four years, by which time all course work and the research requirements for the Ph.D. degree must have been completed and a thesis submitted. The defense of the thesis will ordinarily take place at a later date. From January of year five to May

of year seven, students will complete the requirements for the M.D.,C.M. degree.

Acceptance into the M.D./Ph.D. program is conditional upon fulfilling the requirements for and being accepted into the four-year medical curriculum and acceptance into a graduate program by one of the departments and the Graduate and Postdoctoral Studies Office. **Students currently enrolled in the first year of the medical curriculum at McGill and who have a bachelor's or master's degree are eligible to apply before October 1st of the second year.**

Applications must be submitted no later than November 15, 2006. Further information can be obtained from: Program Administrator, M.D.-Ph.D. Program, McIntyre Medical Sciences Building, 3655 Promenade Sir-William-Osler, Montreal, QC, H3G 1Y6. Telephone: (514) 398-3517, Fax: (514) 398-4631. Email: admissions.med@mcgill.ca.

4.3.2.4 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 sectors. 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 hospital medical departments.

This is a five-year program in which the first year from September to the following July is spent in the Desautels Faculty of Management. To be promoted and registered into the medical portion of the M.D./M.B.A. program, students must have successfully completed by July 31, all the courses and projects which are required in the first year of the joint program. Elements of health management and practicum begin at the end of the first year and the remainder of the management courses are integrated into the elective opportunities in the regular four-year medical curriculum. At graduation, graduates will receive an M.B.A. from the Desautels Faculty of Management and an M.D.,C.M. from the Faculty of Medicine.

Acceptance into this program has requirements identical to those for the M.D.,C.M. Program.

A solid grounding in mathematics and computer/database management prior to starting the program is essential. Microsoft Office is the computer package currently in use on the Desautels Faculty of Management's network.

Cost of Study: Tuition fees for the first three semesters (Fall, Winter, and Summer) of the joint M.D./M.B.A. program are \$30,000 for International students, \$6,000.00 for non-Quebec Canadian students, and \$3,000.00 for Quebec students. These figures are given in Canadian dollars and are subject to change without further notice. Student services, administrative, society fees and M.B.A. computer fees are not included. Tuition for the balance of the M.B.A. portion of the joint program will be prorated on a per credit basis.

Applications must be submitted no later than November 15. Further information can be obtained from: Program Administrator M.D./M.B.A. Program, McIntyre Medical Sciences Building, 3655 Promenade Sir-William-Osler, Montreal, Quebec, H3G 1Y6. Telephone (514) 398-3517. Fax (514) 398-4631. Email: admissions.med@mcgill.ca.

4.3.3 Application for Admission

Application for admission must be submitted online at www.mcgill.ca/applying/online after September 1.

DEADLINES FOR RECEIPT OF APPLICATIONS:

- November 15 –
for applicants whose residence is outside of Quebec (see Proof of Residency section below).
- November 15 –
for all applicants to the M.D./Ph.D. program.

November 15 –
for applicants to the M.D./M.B.A. program.

January 15 –
for residents of Quebec applying for the M.D., C.M. program.

March 1 –
for residents of Quebec applying to the Med-P program.

Proof of Residency: Applicants claiming Quebec residency must fulfill precisely one of the residency criteria as defined by the Quebec Government on the "Attestation of residency in Quebec" form. These forms can be found on the following website: www.mcgill.ca/student-records/documents/por.

Documents Required: All documents required for application, including **official transcripts**, MCAT scores (M.D.,C.M., M.D./Ph.D., M.D./M.B.A. programs only), autobiographical letter and reports of referees should be submitted as early as possible after September 1, but no later than the deadlines listed above. Transcripts must contain letter grades (GPA) or numerical grades for every course completed. The material submitted becomes the property of the University and cannot be returned.

In addition, any international student must submit, along with his/her application form, a letter issued by the responsible authorities in his/her country indicating that they recognize the medical degree awarded by the Faculty of Medicine at McGill University and that this degree will enable this student to practice medicine in his/her country.

Application Fee: The application fee is \$60 for CEGEP applicants; \$80 for all other applicants.

Second Application: Applicants not admitted on the basis of a first application may submit a second application. Applicants making a third application to the M.D.,C.M. program are rarely successful and are strongly discouraged from doing so.

Disabilities: Appropriate consideration is given to qualified applicants with physical disability.

Early Decision: Early acceptance (excluding Med-P applicants) for exceptionally strong candidates may be considered. Well-rounded students with a strong academic record and high MCAT scores may apply for early decision by clearly indicating that they want to be considered. Applicants must ensure that all required documents are sent immediately to the Admissions Office.

Once the file is complete, the Admissions Committee will review it and a decision will be made within ten working days as to whether early interviews will be offered. Successful candidates who accept our offer of early admission to the Faculty of Medicine at McGill must withdraw their application(s) to, or acceptance(s) from, other medical schools in order to maintain their accepted status at McGill.

4.3.3.1 Advanced Standing

There are no places available for students who wish to transfer to McGill.

Students currently in medical school are eligible to apply to the first year of the program if their application provides proof of withdrawal from that medical school and that they meet all the admissions requirements to the M.D.,C.M. program.

4.3.4 Procedures for Selection and Notification

4.3.4.1 Selection

Selection of students by the Admissions Committee is based upon academic achievement **at the time of application** and an assessment of personal characteristics and accomplishments through an autobiographical letter, letters of reference and personal interviews.

Academic Achievement

Academic achievement is determined from the academic record in undergraduate studies and the result of the Medical College Admission Test (except for Med-P program). While completed graduate degrees are taken into consideration, applicants should know that the undergraduate CGPA and MCAT scores are the major consideration in measuring academic performance.

Successful applicants to the M.D.,C.M., M.D./M.B.A. and M.D./Ph.D. programs usually have undergraduate CGPAs of 3.5 (on a 4.0 scale) or better, similar grades in science prerequisites and a total of 30 or more in the MCAT scores.

Academic achievement by applicants to the Med-P program will be evaluated on the basis of CRC scores and performance in the math/science prerequisites.

A maximum of 172 students are accepted into the first year class. Students recently accepted had the following academic profile (mean scores): CGPA 3.74 (4 point scale); MCAT: Verbal Reasoning 9.6, Physical Sciences 11.2, Biological Sciences 11.5, overall score 32.26. Students recently accepted in the Med-P program had an overall average CRC of 36.21.

Personal Characteristics and Accomplishments

The initial assessment of personal qualities and achievements is made from a study of the autobiographical letter submitted by all candidates. The letter should give the Committee a clear image of the applicant and the personal characteristics and experiences which make him/her particularly suitable for the study and practice of medicine.

On the first page only, applicants should describe briefly the basis for their decision to become a doctor and detail their experience and exposure to health care in general and more specifically to sick persons, doctors, and other health care workers. They should show that they understand all the implications of their choosing to study and practice medicine.

The remaining three pages should be devoted to examples of leadership, initiative, originality, empathy, compassion, service to others, whether in the community of their institution of study or beyond, evidence of communication skills, the ability to work in teams and interact positively with others. The ability to take initiative, excel in one's studies while engaging in depth in such things as team sports, student government, music, theatre, drama, art, creative writing and other endeavours which require dedication, determination and the capacity to handle the stress of coping with different enterprises are of particular importance to the Committee. The effort expended, the importance of the applicant's role, individual responsibility and level of achievement should be explained.

Clearly indicate when the activities cited began and ended.

While past activities may be important to this narrative, more recent activities generally carry more weight with the Committee. Work experiences, travel, cultural interests and achievements or hobbies which the candidate can relate directly to his/her suitability for medicine should be mentioned. Personal qualities cited should be substantiated by examples of life experience to make them credible.

The assessment of the autobiographical letter, together with the confirmatory statements and amplifications contained in the reports from those referees chosen by the student, form the basis for a decision on whether an applicant possessing the academic performance criteria is to be invited for an interview. The files of candidates who are not invited for interviews are not considered further.

Applicants not currently enrolled as students should indicate clearly what they have done since graduation.

Offers of Admission

Once the interviews have been completed, all the components of the application process (GPAs and MCAT scores for applicants to the M.D.,C.M., MD-PhD, MD-MBA programs, CRC scores for applicants to the Med-P program, scores assigned to the autobiographical letter and interview performance) are aggregated. Places in the entering class are offered to those whose assembled scores are the most competitive.

The decisions described above are final and once made, are not subject to appeal.

4.3.4.2 Notification of Decision

a) Applicants from outside Quebec

Applicants from outside of the Province of Quebec will be notified as soon as possible after March 31 whether they have been accepted, placed on the waiting list, or not accepted.

b) Residents of Quebec

Residents of Quebec applying for the M.D., C.M. program will be notified at the end of April or as soon as possible after May 1.

c) Quebec CEGEP Graduates

Decisions for the Med-P program are made in mid-May for all Quebec faculties of medicine.

Acceptance of Offers

Acceptance is conditional upon receipt of a Bachelor's degree (M.D.,C.M., M.D./Ph.D., M.D./M.B.A. programs) or DCS (Med-P program) and upon the successful completion by the time of registration of studies currently in progress, including the requirements for admission, at a level comparable to past academic performance.

Successful applicants must respond within two weeks to the offer of a place in the entering class.

For students accepted into the M.D.,C.M. program, notification of acceptance must be accompanied by a deposit of \$500, which will be applied against tuition. The deposit is refundable up to May 15 for U.S. and International applicants, and up to June 15 for Out-of-Province Canadian applicants and Quebec residents applying to the M.D.,C.M. program.

For students accepted into the Med-P program, notification of acceptance of the offer must be accompanied by a deposit of \$300, which will be applied against tuition. The deposit is refundable up to July 15.

Mandatory IT Equipment

Please note that accepted applicants must have access to a personal computer and word-processing software. Students must also have a modem and software for e-mail and Web browsing. They will have access on campus to laser printers and to a limited number of PCs.

4.3.4.3 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, Pertussis, Tetanus and Polio and proof of Diphtheria, Tetanus, combined with Component Pertussis Vaccine 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.

Current information indicates that there is a potential risk of transmission of Hepatitis B from practitioner to patients in the clinical dental setting. Therefore, applicants for the DMD Program, Multidisciplinary Residency Program in Dentistry and M.Sc. in Oral and Maxillofacial Surgery will be required to be tested for Hepatitis B surface antigen by the McGill Student Health Services. Applicants who test positive for Hepatitis B surface antigen will be

tested for Hepatitis B “e” antigen and Hepatitis B viral DNA to help determine infectivity risk. If either Hepatitis B “e” or Hepatitis B viral DNA is positive, the offer of acceptance will be withdrawn and registration in the program will not be completed.

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 who develop any contagious disease placing patients at risk must immediately discuss their condition with their supervisor and they may be required to temporarily stop clinical activities. McGill University considers it important for Health Sciences students to fulfill their ethical obligation to patients by taking appropriate measures to minimize the transmission of disease.

Students will receive details of the immunization requirements with their acceptance package. Immunizations can be completed at McGill Student Health Services which operates during the summer.

4.3.4.4 Deferred Admissions

Admission into the first year of the M.D.,C.M. program may be deferred for a period of one year for a defined academic purpose or to obtain an advanced degree. However, students currently enrolled in graduate programs are expected to apply only when they are in the final year of that program.

A written request which includes the details of the proposed academic program must be submitted no later than August 1 of the year in which deferral is sought.

Deferred admission is not granted for the Med-P program.

4.3.5 Non-Quebec Students

The Government of Quebec provides two quotas under which non-Quebec students may be admitted to study medicine at McGill.

1. A quota for Canadians and Permanent Residents of Canada who do not reside in Quebec.
2. A quota for U.S. and International applicants.

Should applicants be accepted under either of these quotas, their acceptance and obligations to same will be for the duration of their medical studies, regardless of any change in citizenship or residency status. The candidate, in accepting such an offer of admission, will accept these conditions.

As a measure to control medical manpower in the Province, the Quebec Government requires that all students who are not Quebec residents must agree in writing at the time of registration that if, upon completion of the four-year curriculum and residency training, they wish to remain in the Province, they will practice for a defined period of time in one of the areas designated as medically underserved. It should be noted that this requirement does not interfere in any way with the right to study medicine in Quebec or, following graduation, to take residency training in Quebec.

a) Out-of-Province Canadian Students

A very limited number of places will be made available by the Québec Government.

b) American Students

The Faculty encourages applications from United States citizens and offers admission to such applicants each year. Students accepted for admission must have a student authorization by the date of registration. Instructions for obtaining this authorization are included with the letter of acceptance.

The Faculty of Medicine is accredited by the Liaison Committee on Medical Education of the American Association of Medical Colleges (AAMC) and American Medical Association (AMA), and studying at McGill is equivalent to studying medicine in a U.S. medical school. U.S. students studying at McGill write the United States Medical Licensing Exams (USMLE) in the same way and at the same time as U.S. students studying in U.S. medical schools.

Students should know that acceptance into residency programs of any province are governed by province-specific rules and regulations.

While U.S. medical students are eligible to do residency training in Quebec, U.S. program directors recognize the high calibre of McGill graduates and those students are very competitive in their U.S. residency applications.

Tuition for non-Canadian students is appreciably higher than for Canadian students. U.S. citizens benefit, however, with respect to all costs from a favourable exchange rate on the Canadian dollar.

c) International Students

The Faculty also encourages applications from citizens of other foreign countries and offers admission to a number of such students each year. Most applicants have undertaken some or all of their undergraduate studies in Canadian or U.S. colleges. Students accepted for admission must have a student authorization by the date of registration. Instructions for making application for a student authorization are included with the letter of acceptance.

It is the personal responsibility of the International students to ensure that they fulfill all the licensing requirements of the country in which they intend to practice medicine. A medical degree does not necessarily confer the right to practice. Therefore, any International student must submit along with his/her application form, a letter issued by the responsible authorities in his/her country indicating that they recognize the medical degree awarded by the Faculty of Medicine at McGill University and that this degree will enable this student to practice medicine in his/her country.

Students should know that acceptance into residency programs of any province are governed by province-specific rules and regulations.

At the present time, International students wishing to pursue residency training in the USA should be aware that the appropriate route to do so is the J-1 Visa.

4.3.6 Registration

New Students

All students entering the four-year M.D.,C.M. program must initiate registration on the Web by adding the registration course REGN-RCMD on Minerva.

The Minerva Registration period for newly admitted Medicine students is August 2 - August 13, 2006. See www.mcgill.ca/minerva-students for registration dates.

In order for the official registration in the M.D.,C.M. program at McGill to be confirmed, the student must also present him or herself, with proper documentation, at the Faculty Registration and Orientation to be held from August 15 to 17, 2006 inclusive.

ATTENDANCE IS MANDATORY. Failure to attend will result in cancellation of the student’s offer of admission to the program and registration.

For further information, consult the Web at www.mcgill.ca/minerva and the registration information being mailed to incoming students in June.

Returning Students

All returning students must register on the Web by adding the registration course REGN-RCMD on Minerva. Returning students must register by the deadline specified or pay the appropriate late registration fees.

For further information, consult the Web at www.mcgill.ca/minerva and the registration information E-mailed to returning students in early April.

4.3.7 Collège des Médecins du Québec

All students studying medicine in a university of the province of Quebec are required by law to register with the Collège des Médecins du Québec by October 15 of their first year of study. Registration packages are made available to accepted students. A student who fails to comply with this requirement will not be permitted to continue in the program. (www.cmq.org)

4.3.8 Curriculum Outline

PLEASE NOTE: The Faculty of Medicine will continue to introduce curriculum changes. Students should refer to the Undergraduate Medicine Education website, www.medicine.mcgill.ca/ugme for updates.

BASIS OF MEDICINE (BOM) - Class of 2009 & 2010											
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
Molecules, Cells & Tissues (4 weeks)	Gas, Fluids & Electrolytes (9 weeks)		Life Cycle (3 weeks)	Endocrinology, Metabolism & Nutrition (7 weeks)		Musculo-skeletal & Blood (4 weeks)	Nervous System & Special Senses (8 weeks)		Host Defense & Host Parasite (5 weeks)	Vacation or Research or Community Project	
Physicianship 1 (PHP)											
Physician Apprenticeship 1											

INTRODUCTION TO CLINICAL MEDICINE (ICM)											POM - CORE		
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.		
Host Defense & Host Parasite (2 weeks)	Pathobiology, Treatment & Prevention of Disease (14 weeks)			PHP-3 ICS, EBM, Ethics Health Law - Retire 2007-01 (4 weeks)	Intro to Internal Medicine, Intro to Pediatrics (7 weeks)		Intro to Surgery/ Anesthesia/ Ophthalmology (7 weeks)		Intro to Family Medicine, Oncology/ Neurology Radiology, Dermatology, Psychiatry (7 weeks)		Vacation	Intro to POM (1 wk)	Fam Med-Rural (4 wks)
Physicianship 2 (PHP)													
Physician Apprenticeship 2													
Physician Apprenticeship 3 (Awaiting University Approval)													

PRACTICE OF MEDICINE (POM): CORE CLERKSHIPS*											
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
Fam Med-Urban (4 weeks)	Medicine (8 weeks)	Obstetrics & Gynecology (8 weeks)		General Surgery (4 weeks)	Elective (4 weeks)	Pediatrics (8 weeks)		Psychiatry (8 weeks)		Vacation (4 weeks)	Emerg. Medicine (4 weeks)
PHP-4											
Physician Apprenticeship 4 (Awaiting University Approval)											

PRACTICE OF MEDICINE (POM): SENIOR CLERKSHIPS**								
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	
Elective (4 weeks)	Geriatric Medicine (4 weeks)	Surgery Sub-Speciality (4 weeks)	Elective (4 weeks)	Vacation (4 weeks)	Elective (4 weeks)	Medicine & Society (4 weeks)	Topics in Medical Science 1/Elec (4 weeks)	Topics in Medical Science 2/Elec (3 weeks)
PHP-5								
Physician Apprenticeship 5 (Awaiting University Approval)								

* Core Clerkships may be completed in 12 different sequences; one representative sequence is depicted.
 ** Senior Clerkships may be completed in 7 different sequences; one representative sequence is depicted.

Note: Class of 2007 should refer to the 2004-05 Health Sciences Calendar available at www.mcgill.ca/courses for their Curriculum Outline.

4.3.9 Courses for the Degree of M.D.,C.M.

Four years of medical study in the University leads to the degree of M.D.,C.M.; an additional period of postgraduate training is necessary for licensure.

While the Faculty's administration exercises a general supervision of arrangements for postgraduate applications, the Faculty of Medicine does not assume the responsibility for providing residences for students.

Four-Year Program

(197-201 credits)

Required Courses

(190 credits)

First Year and Second Year, BOM

INDS 101	(6)	Molecules, Cells and Tissues
INDS 102	(6)	Musculoskeletal and Blood
INDS 103	(14)	Gas, Fluid and Electrolytes
INDS 104	(11)	Endocrinology, Metabolism and Nutrition
INDS 105	(4)	Life Cycle
INDS 106	(12)	Nervous System and Special Senses
INDS 120	(3)	Physicianship A
INDS 122	(2)	Physician Apprenticeship 1
INDS 207	(12)	Host Defense and Host/Parasite
INDS 208	(20)	Pathobiology Treatment & Prevention of Disease
INDS 220	(1)	Physicianship 2
INDS 222	(2)	Physician Apprenticeship 2

Second Year, ICM

ANAE 301	(1)	Anesthesia - ICM
FMED 301	(1)	Family Medicine - ICM
IMED 301	(7)	Medicine - ICM
IMED 302	(5)	Dermatology - ICM
INDS 301	(2)	Introduction to Clinical Sciences
INDS 302	(1)	Medical Ethics and Health Law - ICM
INDS 306	(1)	Introduction to Evidence Based Medicine
INDS 307	(2)	Principles of Oncology
NEUR 301	(2)	Neurology - ICM
OPHTH 300	(1)	Ophthalmology - ICM
PAED 301	(1)	Pediatrics - ICM
PSYT 302	(5)	Psychiatry - ICM
RADD 301	(1)	Radiology - ICM
SURG 301	(4)	Surgery - ICM

Third Year, CORE CLERKSHIP

INDS 305	(1)	Introduction to Hospital Practice - ICM
ELEC 400	(3)	Elective 1 - Clerkships
FMED 403	(4)	Family Medicine - Rural Clerkships
FMED 404	(4)	Family Medicine - Urban Clerkships
IMED 401	(8)	Medicine - Clerkships
OBGY 401	(8)	Obstetrics/Gynecology - Clerkships
PAED 401	(8)	Pediatrics - Clerkships
PSYT 401	(8)	Psychiatry - Clerkships
SURG 402	(4)	General Surgery - Clerkships

Fourth Year, CORE CLERKSHIP

INDS 304	(4)	Emergency Medicine - Senior Clerkships
ELEC 401	(3)	Elective 2 - Clerkships
ELEC 402	(3)	Elective 3 - Clerkships
ELEC 403	(3)	Elective 3 - Senior Clerkships
IMED 406	(4)	Geriatric Medicine - Senior Clerkships
INDS 406	(4)	Medicine and Society
SURG 403	(4)	Surgery Sub-Specialty - Senior Clerkships

Complementary Courses (6 credits)

6 credits from the following:

ELEC 404	(3)	Elective 4 - Senior Clerkships
ELEC 405	(3)	Elective 5 - Senior Clerkships
INDS 405	(3)	Topics in Medical Science
INDS 407	(3)	Topics in Medical Science 2

Elective Course (0 - 4 credits)

ELEC 300	(4)	Elective - ICM
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Educational Goals of the Curriculum

The primary focus of the undergraduate program is to teach and help the students apply core knowledge, skills and attitudes required of a medical professional. The program will emphasize the fundamental sciences and scientific methodology as pillars of medical knowledge. It will promote and provide opportunities for participation in research and other scholarly activities contributing to the development of new knowledge. It will nurture and enhance an understanding of the meaning of, as well as the personal qualities and values essential to the Physician as Healer and Professional. It is the goal of this School to train professionals who will apply scientific principles throughout their career and who will be able to meet the most stringent international standards of the medical profession.

The student must understand normal and abnormal biological structure and function; normal and abnormal psychology and behaviour; the biological, social, psychological, cultural, environmental and economic determinants of health and illness; the ethical, professional and legal responsibilities in medical practice; and the conceptual framework for interdisciplinarity. The student must acquire the basic clinical skills to assess and manage patients of all ages: these include communicating effectively with patients, families and colleagues; obtaining a comprehensive clinical history; performing a physical examination; performing routine procedures appropriate to the setting; and initiating appropriate investigations and treatment plans (preventive, acute, chronic, intensive, rehabilitative and palliative). The student must solve problems, make decisions, and address ethical dilemmas in the clinical context. The student must demonstrate an ability to collaborate in an interdisciplinary approach to patient/family centred care, and assume a leadership role when appropriate.

The student must demonstrate a commitment to life-long learning and scholarship, develop the skills to search, retrieve, manage and appraise biomedical information, and be able to evaluate the design and results of medical research. The student must behave with commitment, integrity, honesty and compassion.

Upon completion of the medical undergraduate program, the graduate will be able to function responsibly in a supervised clinical setting at the level of an undifferentiated physician. A detailed description of the goals and objectives can be found on the Undergraduate Medical Education Office Web site www.medicine.mcgill.ca/ugme.

4.3.10 Standards of Behaviour

The teacher/learner relationship is based on mutual trust, respect and responsibility. The Faculty of Medicine 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 Student Handbook (distributed at orientation) and may be reviewed on the Web at www.medicine.mcgill.ca/ugme. 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 being piloted in selected clinical rotations. It is anticipated that a longitudinal evaluation of professionalism will be a requirement for all curricular components during the year 2006-2007. Students who demonstrate inappropriate professional conduct or are found guilty of a criminal offence may be dismissed from the program.

4.3.11 Leaves of Absence

Leaves of absence during medical studies are generally discouraged and with few exceptions are granted only for reasons of health or family crises. Requests for leaves must be discussed with the Associate Dean. Permission is granted by the Dean. A request must be accompanied by supporting documentation (e.g., a letter from the student's physician/counsellor). In general, a medical leave is granted for up to one year. The Faculty reserves the right to impose a limitation on the number as well as the total duration of leaves.

A student returning from a medical leave must provide supporting documentation from the treating physician/counsellor. These documents must state that the student is capable of resuming his/her studies.

Should a prolongation be requested, the Faculty of Medicine reserves the right to require a second opinion from a Faculty-designated physician.

Once the leave has been approved by the Deans, the student's registration and fees must be clarified with the Student Records Officer. Students may be required to forfeit all or part of their tuition fees. All students must have an interview with the Student Aid Office to reassess impact on financial aid.

Leaves of absence will be noted on official transcripts and Dean's Letter/Medical Student Performance Evaluation form.

4.3.12 Curriculum Review

The Faculty realizes the need for constant review of the medical curriculum that is necessitated by:

- rapid advances in scientific knowledge;
- changes in the role of the medical school in the community and changes in the delivery of health care;
- modifications to the class size (as mandated by the provincial government);
- modifications to clinical training sites as mandated by the provincial government;
- application of new principles of educational science to medical education.

A permanent Faculty Curriculum Committee, with student representation, is charged with the task of reviewing the curriculum and recommending any modifications of time allocation or content. An office of Curriculum Development was opened in January, 2005; it has the mandate of introducing the concept of physicianship (i.e., the physician as healer and professional) throughout the M.D., C.M. curriculum. *Modifications, based on physicianship-related content, may be implemented at any time during the program.*

4.3.13 Evaluation System

The Evaluation System is multifaceted and under constant review by the Faculty. The Faculty reserves the right to change any of these rules and regulations at any time, although in general such changes will not come into effect in the middle of a Promotion Period. For complete Faculty regulations, reference should be made to the Faculty of Medicine Student Handbook which is updated annually on the Web at www.medicine.mcgill.ca/ugme under "student evaluation".

The Faculty operates on a modified pass/fail system. This in effect means that students' standings, class rank, and grades in courses and rotations are not available to any external agency such as hospitals, universities or licensing bodies. For purposes of internal use students' numerical grades are used in the calculations required for student feedback, academic advising and promotion, awards, prizes, Dean's Honour List designation, academic bursaries and Faculty medals.

For the purposes of evaluation, the four-year curriculum is broken down into the following promotion periods.

Promotion Periods – (as of admission 2004):

Promotion Period I

Class of 2009:

Units 1 to 6, Physicianship A and Physician Apprenticeship.

Class of 2008:

Units 1 to 6 and Introduction to the Patient.

Promotion Period II

Units 7 and 8 and Introduction to the Practice of Medicine (ITPM) (The beginning of Year II to end of ITPM)

Promotion Period III

Introduction to Clinical Medicine

Promotion Period IV

Core Clerkship

Promotion Period V

Senior Clerkship

Promotion Periods – Class of 2007 (admitted 2003):

Promotion Period I

Units 1 to 6 and Introduction to the Patient

Promotion Period II

Units 7, 8, 9 and Introduction to the Practice of Medicine (The beginning of Year II to end of Unit 9)

Promotion Period III

Introduction to Clinical Medicine

Promotion Period IV

Practice of Medicine

Promotion Period V

Back to Basics

STUDENT PROMOTIONS

The Committee on Student Promotion and Curriculum Outcomes (CSPCO) will review the academic record, professional conduct and general performance of any student on a regular basis and will determine whether the student may proceed to the next promotion period.

No evaluation, examination mark, etc. shall be considered final until passed by the Committee on Student Promotion and Curriculum Outcomes.

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 – (as of admission 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 (as of admission 2003):**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.

4.3.14 Medical Equipment

Students are responsible for the purchase of their own medical equipment: stethoscope, B.P. cuff, reflex hammer, ophthalmoscope/otoscope and tuning forks are recommended but optional.

Students are also responsible for purchasing a white lab coat via the Undergraduate Medical Education Office. Information about this and the "white coat ceremony" will be circulated at the end of the first year.

It is also recommended that students purchase a pager for ICM, Clerkship and Senior Clerkship (POM for Class of 2007).

4.3.15 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.
4. Every candidate for the degree must have passed all the required evaluations of the medical curriculum.

RESIDENCY MATCHING SERVICES

A matching service is a clearing house designed to help final year medical students obtain the residencies of their choice and to help hospitals and program directors obtain the students of their choice. It provides an orderly method for students to decide residency choice and for programs to decide which applicants they wish to enrol. For both students and program directors, it attempts to remove the factors that generate unfair pressures and premature decisions.

The matching service acts as the agent of students on the instructions embodied in the confidential list of all the residencies for which they have applied, ranked in order of preference. Similarly, the matching service acts as the hospital's agent on the instructions embodied in its confidential list of all the students who have applied, ranked in order of the hospital's preference.

Students at McGill have access to different matching services including the Canadian Resident Matching Service which matches applicants across Canada and the National Resident Matching Program which matches applicants to programs in the U.S.

The Faculty provides comprehensive career guidance. Information sessions and personal counselling are provided throughout the program. Students are given assistance in navigating the residency application process. To this end, the Faculty makes use of its extensive alumni network throughout North America.

4.3.16 Requirements for Licence

Candidates accepted for admission are reminded that it is their personal responsibility to ensure that they fulfil all the licensing requirements of the country in which they intend to practise medicine. A university degree does not confer the right to practise. In each province of Canada, in each one of the United States, and in all other countries, the authority to license is vested in a licensing body which has its own special laws and requirements. In many cases a special standard of general education is insisted upon before **beginning** the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the

student must be registered with the provincial licensing body for five years or more before a licence to practise can be obtained.

Candidates accepted for admission should therefore communicate as soon as possible with the licensing body of the country, province or state in which they intend to practise and obtain from that licensing body the necessary instructions.

Candidates wishing to practise medicine in the province of Quebec must also meet the French language requirement for professionals, as described in the General University Information section 2.9.1 "Language Requirements for Professions".

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards as follows:

Alberta - Registrar, 10180 - 101th Street, Suite 900,
Edmonton, AB 5J 4P8

British Columbia - Registrar, 1807 West 10th Avenue,
Vancouver, BC V6J 2A9

Manitoba - Registrar, 1410 - 155 Carlton Street, Winnipeg,
MB R3C 3H8

New Brunswick - Registrar, 400 Main Street, Suite 1078,
Saint John, NB E2K 4N5

Newfoundland - Registrar, 15 Rowan Street, Churchill Park
Chambers, St. John's, NF A1B 2X2

Nova Scotia - Registrar, 5248 Morris Street, Halifax, NS B3J 1B4

Ontario - Registrar, 80 College Street, Toronto, ON M5G 2E2

Prince Edward Island - Registrar, 199 Grafton Street,
Charlottetown, PE C1A 1L2

Quebec - President-Secretary General, 2170, boulevard René-
Lévesque Ouest, Montreal, QC H3H 2T8

Saskatchewan - Registrar, 211 - 4th Avenue S., Saskatchewan,
SK S7K 1N1

Medical Council of Canada

Full information concerning the examination may be obtained by writing to the Registrar, Box 8234, Stn.T, Ottawa, ON, K1G 3H7. Telephone: (613) 521-6012. Website: www.mcc.ca

USMLE

Full information concerning these examinations may be obtained by writing to the USMLE Secretariat, 3750 Market Street, Philadelphia, PA 19104-3190. Telephone (215) 590-9600. Web site: www.usmle.org.

4.3.17 Graduate Training Programs in the Clinical Departments of the Faculty of Medicine

The Faculty of Medicine, in conjunction with the affiliated teaching hospitals, offers a wide variety of programs leading to McGill Certificates of Residency Training and certification by the Collège des Médecins du Québec, the College of Family Physicians of Canada, and the Royal College of Physicians and Surgeons of Canada. For information on the graduate medical programs available and eligibility and funding, please consult the following Web site: www.medicine.mcgill.ca/postgrad.

4.3.18 Graduate Studies and Research in the Medical Sciences

Opportunities for graduate work in the basic medical and clinical sciences leading to the degrees of M.Sc. and Ph.D. are offered by many of the departments of the Faculty of Medicine. By special arrangement, studies for the degree of M.Sc. can be pursued concurrently with work towards the M.D./C.M. degree. In addition, a combined M.D./Ph.D. program is available (further information can be obtained from Program Administrator, M.D./Ph.D. Program, McIntyre Medical Sciences Building, 3655 Promenade Sir-William-Osler, Montreal, Quebec H3G 1Y6). Details of the programs available are included in *Graduate and Postdoctoral Studies Calendar* available on the Web at www.mcgill.ca/courses.

Research in clinical disciplines is carried out at all locations of the McGill University Health Centre – the Montreal Children's Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Montreal Chest Institute and the Montreal Neurological Hospital. Research opportunities are also available at the Lady Davis Institute of the Jewish General Hospital, the Douglas Hospital and the Shriners Hospital for Children. For administrative purposes, graduate work in several clinical departments is grouped under the Division of Experimental Medicine and the Division of Experimental Surgery. Other departments administer individual graduate programs. Consult the *Graduate and Postdoctoral Studies Calendar* for a description of the programs.

Inquiries concerning research training in the medical sciences should be directed to the chair or graduate program director of the department in which the candidates wish to receive their graduate education.

4.4 Curriculum Components and Units

Due to curriculum changes, curriculum components and units may be revised. Revisions will be posted on the Undergraduate Medicine Education web site, www.medicine.mcgill.ca/ugme.

4.4.1 Basis of Medicine (BOM)

UNIT 1 –

INDS 101 MOLECULES, CELLS AND TISSUES. (6) This unit will examine the biosynthesis and assembly of macro-molecules with emphasis on cell and tissue organization and function. The structure and organization of the skin, nerves and the embryo will be surveyed in detail and used as model systems to study the major biochemical, physiological, genetic and molecular principles of cells.

UNIT 2–

INDS 103 GAS, FLUID AND ELECTROLYTES. (14) This unit will discuss the embryological development, gross anatomy, histology and physiology of the cardiovascular, respiratory and renal systems. The biochemistry of lipids and proteins and the anatomy and physiology of the autonomic nervous system will also be covered.

UNIT 3 –

INDS 105 LIFE CYCLE. (4) This unit is designed as an introduction to the basic science that will enable the student to understand human reproduction. The embryology, histology, and anatomy of the reproductive tract will be covered. Human development from genetics, to embryo, to parturition, will be explored and how this knowledge can be applied to clinical medicine in resolving problems of infertility, fetal and maternal morbidity, and menopause.

UNIT 4 –

INDS 104 ENDOCRINOLOGY, METABOLISM AND NUTRITION. (11) This unit provides an overview of the gross and microscopic structure of the gastrointestinal tract and its accessory organs, along with a grounding in the principles of nutrition and digestion. Emphasis is also placed on those aspects of system and molecular endocrinology which regulate and integrate various metabolic activities.

UNIT 5 –

INDS 102 MUSCULOSKELETAL AND BLOOD. (6) The objectives of this unit are to study the structure and function of the components of the musculoskeletal and blood systems. The interaction of the structure and function will be examined. The embryology, macroscopic and microscopic anatomy as well as molecular structure and function relating to the musculoskeletal and blood systems will be discussed. Lectures, laboratory sessions, small group seminars as well as audio-visual presentations, multi-discipline clinically applied sessions, computer assisted instruction and independent self-directed learning will be utilized to achieve these goals.

UNIT 6 –

INDS 106 NERVOUS SYSTEM AND SPECIAL SENSES. (12) The content of this unit includes the anatomy of the head and neck and anatomical, physiological, biochemical and behavioural aspects of the organization of the nervous system and special senses. The material is presented in an integrated series of lectures and laboratory classes combined with small group clinical problem sessions designed to illustrate the clinical relevance of the material.

UNIT 7 –

INDS 207D1 (6), INDS 207D2 (6) HOST DEFENSE AND HOST/PARASITE. (Students must register for both INDS 207D1 and INDS 207D2.) (No credit will be given for this course unless both INDS 207D1 and INDS 207D2 are successfully completed in consecutive terms) Infectious diseases arise from dynamic interactions between humans and microorganisms. Using lectures, case-oriented small groups, laboratory sessions, and independent learning, an integrated overview of the basic microbiology of organisms, our immune defenses and how they may be subverted, and approaches to the prevention and control of infection will be provided.

UNIT 8 –

INDS 208 PATHOBIOLOGY TREATMENT & PREVENTION OF DISEASE. (20) This unit covers the scientific basis of the diagnosis, prevention and drug therapy of selected diseases. The organ/system approach examining pathogenesis, pathology and pathophysiology, and pharmacological principles of treatment of diseases in the individual is integrated with the epidemiology and genetics in the population.

INDS 120J1/INDS 120J2/ INDS 120J3 PHYSICIANSHIP 1. (1) (Restrictions: M.D., C.M. and D.D.M. students only.) (Students must also register for INDS 120J2 and INDS 120J3) (No credit will be given for this course unless INDS 120J1, INDS 120J2 and INDS 120J3 are all successfully completed in consecutive terms) The following themes will be introduced: the physician as professional and healer, building the physician/patient alliance, the clinical method. Specific topics that will be covered include: observation skills, skillful listening, life cycle, content of the medical interview, issues in death and dying, and methodology for ethical decision-making.

INDS 122J1/INDS 122J2/INDS 122J3 PHYSICIAN APPRENTICESHIP 1. (0.667) (Restrictions: M.D., C.M. and D.D.M. students only.) (Students must also register for INDS 122J2 and INDS 122J3) (No credit will be given for this course unless INDS 122J1, INDS 122J2 and INDS 122J3 are all successfully completed in consecutive terms) This course will guide and mentor students in their transition from laymanship to physicianship. It will promote professionalism, the healing role of the physician, a patient-centred approach and self-reflection.

INDS 220 PHYSICIANSHIP 2. (1.5) This course continues the introduction of the Physicianship program to the M.D., C.M. curriculum.

INDS 220J1/INDS 220J2/INDS 220J3 PHYSICIANSHIP 2. (0.5) (Restriction: M.D., C.M. and D.D.M. students only.) (Students must also register for INDS 220J2 and INDS 220J3.) (No credit will be given for this course unless INDS 220J1, INDS 220J2 and INDS 220J3 are all successfully completed in consecutive terms.) This course continues the introduction of the Physicianship program to the M.D., C.M. curriculum.

INDS 222 PHYSICIAN APPRENTICESHIP 2. (1.5) (Restriction: M.D., C.M. and D.D.M. students only.) This course continues to build on Physician Apprenticeship 1, guiding and mentoring students as they continue their transition to physicianship.

INDS 222J1/INDS 222J2/INDS 222J3 PHYSICIAN APPRENTICESHIP 2. (0.5) (Restriction: M.D., C.M. and D.D.M. students only.) (Students must also register for INDS 222J2 and INDS 222J3.) (No credit will be given for this course unless INDS 222J1, INDS 222J2 and INDS 222J3 are all successfully completed in consecutive terms.) This course continues to build on Physician Apprenticeship 1, guiding and mentoring students as they continue their transition to physicianship.

UNIT 9 –

INDS 203 INTRODUCTION TO PRACTICE OF MEDICINE. (2) An introduction to clinical data gathering in Medicine - particularly interviewing and history-taking. This will be introduced in lecture format and practised in small groups with tutors. The doctor-patient relationship will also be studied. This course follows the Introduction to the Patient Course and shares its small group program. It may be considered as preparatory to the Introduction to Clinical Sciences Course.

4.4.2 Introduction to Clinical Medicine (ICM)

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.

INDS 302 MEDICAL ETHICS AND HEALTH LAW - ICM. (1) The objectives of this course are to familiarize students with the basic ethical and legal issues and problems arising in clinical medicine and to develop the skills needed to identify and resolve ethical dilemmas. Emphasis is placed on the following subjects: informed consent, risk disclosure, patient competence, confidentiality, research ethics, discontinuing life support, physician impairment, and ethics in the team context.

INDS 306 INTRODUCTION TO EVIDENCE BASED MEDICINE. (1)

Note: these three courses (above) are taught in a four-week unit called Professional Skills.

Introduction to Surgery (SURG 301), Anesthesia (ANAE 301), and Ophthalmology (OPHTH 300)

This 7-week unit will provide an introduction to surgery and related disciplines. The teaching occurs generally in small group settings or one-on-one with a clinical supervisor. It takes place in the in-patient hospital setting.

For course descriptions, refer to the appropriate unit in [section 4.5 "Departments and Units in the Faculty of Medicine"](#).

Introduction to Neurology (NEUR 301), Oncology (INDS 307), and Radiology (RADD 301), Dermatology (IMED 302) and Psychiatry (PSYT 302)

This 7-week unit includes 2-week rotations in each of neurology and oncology as well as rotations in radiology and family medicine. The neurology experience is in hospital settings. The oncology experience is entirely based in ambulatory settings involving clinics in medical, surgical, pediatric and radiation oncology.

For course descriptions, refer to the appropriate unit in [section 4.5 "Departments and Units in the Faculty of Medicine"](#).

4.4.3 Core Clerkship

As of admission 2004

The 48-week period of Core Clerkship includes instruction in all the following disciplines: Internal Medicine, General Surgery, Geriatric Medicine, Family Medicine - Rural, Family Medicine - Urban, Obstetrics and Gynecology, Psychiatry, Paediatrics. There is also one 4-week elective.

Class of 2007 (admitted 2003) – Practice of Medicine (POM)

The 52-week period of POM includes instruction in all the following disciplines: Internal Medicine, Surgery, Geriatric Medicine, Family Medicine, Obstetrics and Gynecology, Psychiatry, Paediatrics. There are also three elective months.

A more detailed description of these clerkship rotations is available in the unit entries which follow.

4.4.4 Senior Clerkships

As of admission 2004

The 4th year contains three required clinical senior clerkships (Emergency Medicine, Geriatric Medicine, Surgery Sub-Specialty), a required humanities course (Medicine and Society) and opportunity for either clinical electives, research or basic science courses.

Class of 2007 (admitted 2003) - Back to Basics (BTM)

This final block of teaching occurs following the clerkship (POM) rotations. Its primary goal is to reintroduce the student to fundamental principles in the basic sciences within a context quite different from that of the first year. The student will enter Back to Basics having had a broad clinical experience. The basic sciences will be appreciated not only as a necessary foundation, but also as an essential element of future developments. This goal will be achieved by a seminar series that will focus on topics in basic sciences having particular relevance to current clinical practice. The seminars will present an in-depth review of areas where there has been recent scientific development. These will be presented to the students as options; from which they will select three different topics.

In addition to the seminar series, students will have continued clinical exposure. They will refine their clinical skills, in an ambulatory care setting, two half-days per week for 12 weeks.

There is also an obligatory four-week course entitled "Medicine and Society". This course will allow students to appreciate the complexity and diversity of medical knowledge as they prepare for post-graduate training. Perspectives in history, epidemiology, ethics, and economics will be provided. Issues such as health indicators, alternative medicine, and community health perspectives will be covered.

4.4.5 Electives

Electives are offered during Core Clerkship and Senior Clerkships (ICM and POM for Class of 2007), by the following Departments: Anatomy, Anesthesia, Biochemistry, Biomedical Engineering, Emergency Medicine, Epidemiology and Biostatistics, Family Medicine, Geriatrics, Humanities and Social Studies of Medicine, Medicine, Microbiology and Immunology, Neurology, Neurosurgery, Nutrition, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pathology, Pediatrics, Pharmacology and Therapeutics, Physiology, Psychiatry, Diagnostic Radiology, Radiation Oncology, Sports Medicine, Surgery and Tropical Medicine.

Details are published in the "Elective Calendar" and on the Web (UGME site). Further information may be obtained from the Coordinator (Elective Program), Faculty of Medicine.

4.5 Departments and Units in the Faculty of Medicine

4.5.1 Anatomy and Cell Biology

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship Component (BTB Class of 2007).

Anatomy for Surgeons

A course of practical anatomy, seminar presentations and clinical anatomical conferences is given during Senior Clerkship Component which supplements the knowledge of human anatomy obtained in the core program. It is especially designed to provide the anatomical basis for surgical practice.

Other Courses

The Department offers a range of courses leading to the Faculty Program/Major/Honours B.Sc. in Cell Biology 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*.

4.5.2 Anesthesia

Anesthesia is primarily concerned with the relief of pain and the provision of unconsciousness during surgery. In addition, it takes an active role in the care of the critically ill, in providing analgesia in obstetrics and in managing acute and chronic pain. It is a specialty with a heavy emphasis on the clinical application of the basic sciences.

ANAE 301 ANESTHESIA - ICM. (1) A one-week core rotation is required of all students. Students are given supervised experience in the basics or A-B-Cs of resuscitation. They are expected to participate in preoperative, intraoperative and postoperative anesthesia care. Clinical applications of pharmacology and physiology are demonstrated.

Electives

Electives are offered to students during their Clerkship year. The objectives are to involve students in aspects of anesthesia care commonly encountered in the operating room, recovery ward and intensive care unit. These include fluid and transfusion therapy, management of acute pain relief, regional and general anesthesia techniques. The elective permits students to administer general anesthesia under strict supervision and to become involved in preoperative and postoperative patient care. Specialised electives in pediatric and obstetric anesthesia, clinical research and other subspecialties can be individually arranged.

4.5.3 Artificial Cells and Organs Research Centre

Web site: www.medicine.mcgill.ca/artcell

The Research Centre provides opportunity for interdisciplinary research and training in the clinical and laboratory aspects of artificial cells, blood substitutes, artificial liver, artificial blood, immobilized cells and recombinant microorganisms, biomaterials, detoxification, gene therapy, enzyme therapy, drug delivery, biotechnology, hemoperfusion and others.

Graduate courses are offered in Physiology, and Biomedical Engineering. See the *Graduate and Postdoctoral Studies Calendar*. Electives, summer research, graduate research, and post-doctoral research are offered.

4.5.4 Biochemistry

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship Component.

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*.

4.5.5 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*.

4.5.6 Diagnostic Radiology

Core Courses

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

RADD 301 RADIOLOGY - ICM. (1) This course follows the normal radiological anatomy covered in the Basis of Medicine. It is a one-week rotation that includes a practical approach to common clinical problems. The students will spend time in all the MUHC hospital radiology departments and will be exposed to common pathologies of the chest, abdomen, musculoskeletal, neurologic and pediatric subspecialties.

4.5.7 Epidemiology, Biostatistics and Occupational Health

Core Medical Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine, Introduction to Medicine, and Senior Clerkship Component. In addition, see the Elective Program for elective opportunities in epidemiology and community health.

Introduction to Epidemiology and Biostatistics

(Part of Basis of Medicine - Unit 8)

Lectures and small group tutorials which cover basic principles of epidemiology and biostatistics as applied in clinical and community settings. Included are research design and methods, dealing with bias and confounding, screening and risk appraisal, statistics, and critical appraisal of the literature.

Public Health and Preventive Medicine

(Medicine and Society INDS 406)

Part of Senior Clerkship Component (BTB Class of 2007)3

This is a short intensive course which consolidates knowledge, attitudes and skills related to public health and clinical preventive medicine. Lectures examine public health issues in prevention and health protection and promotion, including health system organization, community diagnosis, urban health, social inequalities in health, as well as implementing preventive medical services in clinical practice. Through specific case studies in small group tutorials, students gain the skills necessary to identify public health problems and collaborate with public health authorities in controlling threats to the public health.

INDS 306 Introduction to Evidence-Based Medicine

The Introduction to Evidence-Based Medicine course introduces students to medical informatics, electronic resources and the skills necessary to critically appraise the medical literature.

Graduate Courses in Epidemiology, Biostatistics and Occupational Health

The graduate program in **Epidemiology and Biostatistics** has four graduate programs: Diploma, Master's (non-thesis), Master's (thesis) and the Ph.D. See the *Graduate and Postdoctoral Studies Calendar* for description of courses and programs.

The graduate program in **Occupational Health** offers a multidisciplinary approach to problems of occupational health and safety. It offers two graduate degrees: a Ph.D. and a Master of Science (Applied) in occupational health sciences. See the *Graduate and Postdoctoral Studies Calendar* for description of courses and programs.

4.5.8 Family Medicine

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine, Introduction to Clinical Medicine, and Clerkship (POM).

FMED 301 FAMILY MEDICINE - ICM. (1) (Restriction: Good standing in the M.D.,C.M. Program.) Introduction to the principles of family medicine and patient-entered care, to the role of the family

physician in our health care system, and to the diagnosis and management of common medical problems seen in an office setting.

Please refer to our Website:

www.medicine.mcgill.ca/familymed/undergrad.htm

FMED 402 FAMILY MEDICINE - CLERKSHIPS. (4) This eight-week core rotation provides an opportunity for the student to become acquainted with the discipline of family medicine. During this rotation, the student is expected to learn the principles of family medicine while working in an ambulatory care setting. The student will join a primary care team and will participate in clinical decision-making and management.

The Clerkship may be done in one of three ways:

1. A rotation in a McGill-affiliated urban Family Medicine centre. These may be hospitals or CLSC Family Medicine units.
2. A month of this rotation must be spent in a rural site. This site can be a McGill affiliated site or a special. The Ministry of Social Affairs funds travel and lodging costs for students.
3. It is possible for a few students to request special four-week or eight-week Family Medicine clerkship experiences outside of the Montreal and remote area teaching programs not affiliated with McGill. For specials, requests must be submitted to the Family Medicine Course Coordinator three months prior to the rotation.

4.5.9 Geriatric Medicine

Senior Clerkship (POM Class of 2007)

The following course is given by the Division of Geriatric Medicine, Department of Medicine.

IMED 406 GERIATRIC MEDICINE - SENIOR CLERKSHIPS.

(Restriction: Good standing in MD, CM Program.) Orientation of students towards continuity of care for frail elderly patients, including training in geriatric consultations on wards and Emergency Room; patient assessments in a clinical setting; patient follow-ups in the community.

For more information please visit the following website:

www.med.mcgill.ca/geriatrics/education/undergrad/ttag_pom_site.

4.5.10 Human Genetics

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship.

Graduate Courses

M.Sc. in Genetic Counselling (non-thesis); M.Sc. and Ph.D. (with thesis). See the *Graduate and Postdoctoral Studies Calendar*.

4.5.11 McGill Cancer Centre

The McGill Cancer Centre (MCC) is a research unit which has the mandate to carry out internationally recognized fundamental and translational research programs in all fields of Biomedical sciences in order to contribute to the world's efforts addressing the improvement of the management of cancer, to the training of the next generation of cancer researchers as well as to the dissemination of the importance of cancer research to the community.

The fundamental research approach adopted by the Centre anchors on the better understanding of the mechanisms involved in the development of cancer and on the pressing need for fast tracking drug development for use in the clinic. The research model involves the identification of priority themes and the establishment of critical mass of expertise for each of them. These themes include Breast Cancer, Metabolism and Cancer, Stem Cells and Signaling, DNA replication, Instability and Repair, and Development and Cancer.

In the last few years the MCC has adopted a very proactive and innovative approach to the training of the next generation of Cancer Researcher. With the participation of the Experimental Medicine departments, it has implemented a specialized program

which is called "Oncology Stream". This program was conceived to give the trainees the opportunity of acquiring a more integrated and complementary view of the cancer problem as well as a specialized training in the area. Among other cancer related courses, the students have to take a mandatory course called "Experimental & Clinical Oncology". This all encompassing course was created to expose them to all aspects of different cancers, from the diagnosis to the treatment and the future drug development. The training program includes other features such as various seminar series featuring international authorities, workshops and round tables.

4.5.12 Medical Physics Unit

Website: www.medphys.mcgill.ca

Program enquiries: mak@medphys.mcgill.ca

Graduate Program

The Medical Physics Unit is a teaching and research unit concerned with the application of physics and related sciences in medicine, especially (but not exclusively) in radiation medicine, i.e., radiation oncology, medical imaging and nuclear medicine. The Unit offers an M.Sc. in Medical Radiation Physics and facilities are available for students to undertake a Ph.D. in Medical Physics through the Department of Physics.

The research interests of members of the Unit include various aspects of medical imaging, including 3D imaging, the development of new imaging modalities, and applications of imaging in radiation therapy; radiation dosimetry, especially solid state, electron and NMR systems; nuclear cardiology; and applications of radiation biology to therapy.

The M.Sc. and Ph.D. programs in Medical Physics are accredited by the Commission on Accreditation of Medical Physics Education Programs, Inc., sponsored by The American Association of Physicists in Medicine (AAPM), The American College of Medical Physics (ACMP), The American College of Radiology (ACR), and the Canadian College of Physicists in Medicine (CCPM). See the *Graduate and Postdoctoral Studies Calendar*.

4.5.13 Medicine

Core Courses

This Department contributes to all curriculum components of Practice of Medicine (Clerkships) and Back to Basics.

ICM - Professional Skills

At the end of this course, students will be able to demonstrate the basic skills of physical examination on a peer or on selected real patients. Students will be able to produce a written case report combining information from both a complete history and a complete physical examination of a real patient. Examination of the rectum, breast and genitalia is not covered in this course.

The course is taught over 4 weeks in small groups with one or two group leaders, both in a classroom and at the bedside with real patients

INDS 302 MEDICAL ETHICS AND HEALTH LAW (CLASS OF 2007)

The objectives of this course are to familiarize students with the basic ethical and legal issues and problems arising in clinical medicine and to develop the skills needed to identify and resolve ethical dilemmas. Emphasis is placed on the following subjects: informed consent, risk disclosure, patient competence, confidentiality, research ethics, discontinuing life support, physician impairment, and ethics in the team context.

IIMED 301 INTRODUCTION TO INTERNAL MEDICINE - ICM. In this seven-week course, students continue building communication and physical examination skills introduced in previous courses, start developing diagnostic reasoning skills (including problem formulation and differential diagnosis) and expand their knowledge of common clinical problems in internal medicine. This is accomplished through active student participation in bedside and seminar teaching session in small groups with tutors. In addition, students perform full history and physical examinations on real

patients; create patients case write-ups with discussions of relevant pathophysiology and present patient cases orally to their tutors. Students are expected to use their own patient cases and those of their peers to generate and act on personal learning opportunities.

PRACTICE OF MEDICINE (CLERKSHIP)

IMED 401 MEDICINE - CLERKSHIPS.

In this eight-week core clerkship in Internal Medicine, students become an integral part of a patient care team, supervised by residents and attending staff in Internal Medicine. Statutes assume the responsibility of being the primary caregiver for a limited number of patients, including formulation of patient work-ups; complete of written admission, progress and discharge notes; development of a differential diagnosis (or problem list); formulation of a plan investigation, a performance of simple therapeutic and diagnostic procedures for each patient assigned. Students' self-directed learning is stimulated by exposure to practical patient problems, discussions with the residents and attending staff, case presentations and multiple conferences and teaching rounds. Students attend outpatient clinics and emergency rooms to follow up their therapeutic efforts on the wards and to see clinical material less common in an inpatient setting.

IMED 401D1 (4), IMED 401D2 (4) MEDICINE - CLERKSHIPS. (Students must register for both IMED 401D1 and IMED 401D2.) (No credit will be given for this course unless both IMED 401D1 and IMED 401D2 are successfully completed in consecutive terms) (IMED 401D1 and IMED 401D2 together are equivalent to IMED 401)

Experimental Medicine

See the *Graduate and Postdoctoral Studies Calendar*.

4.5.14 Microbiology and Immunology

Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship.

Other Courses

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

4.5.15 Neurology and Neurosurgery

Core Courses

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

NEUR 301 NEUROLOGY - ICM. (2) The course's objectives will be to have the student develop the skills to acquire and record a detailed neurological history; perform a complete, orderly and accurate neurological examination, develop a clinical problem-solving approach, i.e. to correlate neurological symptoms and deficits with neuroanatomy and disease processes. The student will also accumulate factual knowledge about neurological diseases, develop awareness of special procedures in neurology and foster positive attitudes towards independent learning.

Graduate Courses

See the *Graduate and Postdoctoral Studies Calendar*.

4.5.16 Obstetrics and Gynecology

Core Courses

This Department contributes to all curriculum components.

OBGY 301 OBSTETRICS/GYNECOLOGY - ICM. (1) A didactic course in Ob/Gyn, is part of ICM-E.

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.

4.5.17 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*.

4.5.18 Oncology

Core course - Introduction to Clinical Medicine

INDS 307 PRINCIPLES OF ONCOLOGY. (2) Students will be introduced to the basis principles of surgical, medical and radiation oncology. Objectives are to know cancer risks, clinical presentations, cancer therapy; cancer prevention, cancer screening, genetic counselling; to interpret imaging and pathological data; to manage in a multidisciplinary approach.

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.

4.5.19 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.

4.5.20 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*.

4.5.21 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 seminar options following the clerkship rotations.

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*.

4.5.22 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 with some basic understanding of pediatric problems. The course will cover aspects of growth, perinatology, morbidity-mortality in Pediatrics, nutrition, fluid balance, infections of many systems, and neurologic and psychologic development. The course will consist of didactic teaching and small group tutorials where problems related to lecture content are discussed.

CLERKSHIP (POM Class of 2007)

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.

4.5.23 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 main classes of drugs, the factors that control and modify their effects and the basis for selection and use of specific 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 Senior Clerkship (BTB Class of 2007).

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*.

4.5.24 Physiology**Core Courses**

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship (BTB Class of 2007).

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 Physiology, as well as the Major Programs in Physiology and Physics, and Physiology and Mathematics, and the Interdepartmental Honours Immunology Program. In addition, the Department is involved in the teaching and administration of the Major Concentration in Biomedical Sciences option of the B.A. & Sc. degree. A number of graduate level courses are also offered. The Department is well equipped for graduate research leading to the M.Sc. and Ph.D. degrees, and is a participant in McGill's M.D./Ph.D. Program. See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

4.5.25 Psychiatry**Core Courses**

This Department contributes to all curriculum components.

PSYT 302 PSYCHIATRY - ICM. (1) This course will elaborate and reinforce introductory material in the field of psychiatry presented in early sections of the curriculum. In addition, it will provide students with the basic components of clinical psychiatry, preparatory to the Clerkships.

Clerkship (POM Class of 2007)

PSYT 401 PSYCHIATRY - CLERKSHIPS. Eight-week block training to acquaint all students (Core program) with the examination of patients and understanding of some of the major factors involved in abnormal behaviour. Diagnostic procedures, psychotherapeutic

and physical methods of treatment will be among the aspects covered. Students will be provided with tutors on an individual and group basis and will also have an opportunity to become conversant with certain more specialized areas of the field of psychiatry. An attempt will be made to provide a comprehensive exposure to current theoretical models and treatment approaches in psychiatry, to indicate the relevance of certain concepts and attitudes to non-psychiatric medical practice, and to supply well-supervised clinical experience which is patient-oriented and responsibility-centred.

Graduate Courses

For information regarding courses leading to the M.Sc. degree in Psychiatry, see the *Graduate and Postdoctoral Studies Calendar*.

4.5.26 Social Studies of Medicine**Core Courses**

This Department contributes to the following courses: Medicine & Society in the Senior Clerkship (BTB Class of 2007) of the Medical Curriculum.

Electives

The Department offers a wide range of electives in aspects of the social sciences and humanities as they relate to medicine. For details see the Electives Catalogue.

Graduate Program

Through the Department, graduate students can obtain an M.A. in the History of Medicine, an M.A. in Medical Anthropology and an M.A. in Medical Sociology. The above degrees are acquired in programs administered jointly with the Departments of History, Anthropology, and Sociology in the Faculty of Arts. Consult the Department for further information.

4.5.27 Surgery**Core Courses**

This Department contributes to all curriculum components.

SURG 301 SURGERY - ICM. (4) The main objectives for this four-week rotation are to develop the history taking and physical examination skills necessary to collect information and make the diagnosis of the patient. The student also learns the pathophysiology of surgical conditions. These objectives help prepare the student for clerkship in the senior years where the issues of patient workup and management are covered. The ICM Surgery rotation involves being assigned to a tutor, seeing patients where possible in the preoperative and perioperative period and following the patient postoperatively. The student will workup two patients per rotation on the ward or in ambulatory care settings. Apart from doing histories and physical examinations, the student will learn how to prepare for case presentations. The students are assigned to out-patient clinics for a one-week period where they gain exposure to patients outside hospital settings in a variety of surgical disciplines. The objectives of knowledge are primarily covered in small group teaching sessions held in the hospitals. These cover a broad range of topics in the fields of surgical principles and all the subspecialties of surgery. Students are encouraged to attend services rounds, ward rounds, and participate in the operative management of their patients. Students do their rotations at the MGH, RVH, JGH and SMH.

SURG 401 SURGERY - CLERKSHIPS. (8) In their senior years, students spend eight weeks as clinical clerks in surgery. The objectives of the surgical clerkship are the workup and management of surgical conditions. Four weeks are spent in General Surgery and, during the other half of the rotation, clerks may choose one of the following surgical disciplines: Cardiothoracic Surgery, Orthopedic, Plastic Surgery, Trauma, Urology or Vascular Surgery. As clinical clerks, the students become a part of the surgical 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.

SURG 402 GENERAL SURGERY - CLERKSHIPS. (4) (Restriction: Good standing in MD, CM program.) Principles of general surgery.

SURG 403 GENERAL SURGERY - CLERKSHIPS. Principles of a surgery sub-specialty.

4.6 Staff by Department

Anatomy and Cell Biology

Strathcona Anatomy and Dentistry Building
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Telephone: (514) 398-6335

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

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

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

Associate Professors — C. Autexier, P. Barker, O.W. Blaschuk, E. Daniels, S. David, E. Davis, T. Kennedy, M.F. Lalli, N. Lamarche, M. Latterich, P. McPherson, D. Reinhardt, W. Sossin, S. Stifani, H. Vali, D. Walker

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

Associate Members — A. Berghuis, C. Chalk, J.F. Cloutier, C. Cuello, G. DiBattista, A. Fournier, J. Henderson, S.V. Komarova, P. Lasko, A. Leblanc, P. Metrakos, E. Ruthazer, P. Seguela, P.M. Siegel, D.Y. Thomas, J. Vogel

Adjunct Professors — M. Cayouette, M. Cygler, D. Cyr, M. Desjardins, J. Drouin, M. Horb, S. Inoue, A. Kania, B. Knoppers, A. Nantel, M. O'Connor-McCourt, J. Osterman, A. Pshezhetsky, J. Schrag, A. Sik, J. Snipes, P. Thibault, J. van Oostrum

Anesthesia

Royal Victoria Hospital, F9-16
687 Pine Avenue West, Montreal, QC, H3A 1A1

Associate Professor and Chair — S. Backman

Professors — M. Abou-Madi, G. J. Bennett, K. Brown, M. C. Bushnell (*Harold Griffith Professor of Anesthesia*), F. Carli (*Wesley Bourne Professor of Anesthesia*), F. Cervero, G. Plourde, J. Rosales

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

Assistant Professors — I. Amir, M. Angle, A. Armanious, J.F. Asenjo, C. Baldry, F. Barry, C. Bozzer, R. Carranza, G. Carvalho, R. Charghi, A. Coté, J.F. Courval, T. Daloze, R. Finlayson, C. Frigon, M. Gauthier, M. Germain, C. Goyer, A. Green, B. Grillas, N. Hamawy, R. Hasel, R. Hatzakorzian (on-leave), T. Hunter, I. Kaufman, R.C. Khairy, K. Klubien, I. Kocur, V. Kudish, I. Lakheeram, M. Lannes, V. Lash, W. Li Pi Shan, D. Mayrand, M. McHugh, P. McMillan, B. Mistry, A. Moore, S. Nordstrom, S. Odeh, A. Owen, B. Popovec, L. Pugsley, D. Quance, F. Ramadori, T. Reyes, R. Robbins, F. Salevsky, T. Schricker, S. Sidhu, A. Sinha, J. Sioufi, J. Sloan, P. Solomon, M. Talbot, D. Tran, W. Triolet, T. Valois, 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, N. Searle, F. Varin

Post-Retirement — P. Bromage, G.S. Fox, K. Krnjivic, R. Melzack, I. Metcalf, S. Rafla, J. Rosales

Anaesthesia Research Unit

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Professor — M.C. Bushnell (*Harold Griffith Professor of Anaesthesia*)

Associate Professors — G. Bennett, T. Coderre

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Professor and Director — T.M.S. Chang

Professors — C.J. Chiu, H.L. Goldsmith, M. Levy, P. Ponka

Associate Professors — P.E. Barre, R.F. Gagnon

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Professors — N. Beauchemin, R. Blostein, P.E. Branton (*Gilman Cheney Professor of Biochemistry*), P.E. Braun, K. Gehring,

V. Giguère, P. Gros (*James McGill Professor*),

A.A. Herscovics, R.E. MacKenzie, W. Muller, W.E. Mushynski,

A. Nepveu, M. Park, J. Pelletier (*James McGill Professor*),

G.C. Shore, J. Shuster, J.R. Silvius, N. Sonenberg (*James McGill Professor*), D.Y. Thomas, M.L. Tremblay (*James McGill Professor*), M. Zannis Hadjopoulos

Associate Professors — A. Berghuis, A. Pause

Assistant Professors — M. Bouchard, I. Gallouzi, B. Nagar,

J. Young

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M. Featherstone, W.C. Galley, J. Genest, M. Hallett,

M. Latterich, P.J. Roughley, M. Saleh, E. Schurr, C. Scriver,

P. Siegel, B. Turcotte, S. Wing, X.J. Yang

Adjunct Professors — P. Arya, K. Cianflone, M. Cygler, J. Drouin,

K. Meerovitch, D. Nicholson, M. O'Connor-McCourt,

E. Purisima, M. Raymond, S. Roy

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Professor and Chair — H.L. Galiana

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G.B. Pike

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Assistant Professors — L. Collins, D. Juncker, J. Nadeau,

S. Prakash

Adjunct Professors — G. Baroud, J.H.T. Bates, P. Charette

Associate Members — C. Baker, K. Cullen, S. De Serres,

J. Gotman, D. Guitton, A. Katsarkas, R. Mongrain, B.N. Segal,

T. Steffen, C. Thompson

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Professor and Director — S. Baum

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Assistant Professors — K. Steinhauer, E. Thordardottir (Graduate

Program Director), S. Rvachew

Assistant Professors (Part-time) — G. Leonard, R. Shenker

Head of Clinical Program — J. Claessen

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C. Erdos, R. Gesser, J. Harrison, J. Lapointe, C. Mhun,

M. Namazi, J. Robillard-Shultz, A. Silverman, C. Timm, P. Viens

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R. Williams

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A. Assaf, G. Belley, C. Bloom, F.M. Boston, L. Carpineta,
J. Cassoff, J. Casullo, J. Chankowsky, M-L. Doyon, M.
Desaulniers, R. Faingold, H. Guilbeault, R.E. Hanson,
M. Hickson, R. Hidgevgi, B.B. Hyams, E. Kao, G. Kintzen, J.
Kosiuk, S. Jequier, M. Levental, A. Mandelankis, J. Novales-
Diaz, C. Pham, M. Pinsky, T. Powell, M. Reid, H. Remy, M.B.
Rosenbloom, A. Roy, C. Rush, C. Saint-Martin, J. Stern, J.
Taylor, C. Torres, M. Tsatoumas, D. Valenti, A. Veksler

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M. Fraser-Hill, N. Just, J.L. Vezina, G. Whiteman

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E. Yeghiayan

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C. Infante-Rivard, L. Joseph, M.S. Kramer, A. Lippman,
J. Lynch, J. McCusker, R. Menzies, O.S. Miettinen, G. Paradis,
I.B. Pless, S.H. Shapiro, S. Suissa, R. Tamblyn, G. Thériault,
C. Wolfson, S. Wood-Dauphinee

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G. Dougherty, A. Dufresne, T. Gyorkos, P. Héroux, C.
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N. Steinmetz, P. Tousignant

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D. Buckeridge, N. Dendukuri, E. Loucks, A. Manges,
E. Moodie, M. Pai, L. Patry, A. Quesnel-Vallée, Y. Robitaille,
G. Tan

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W. Wood

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Bonnier-Viger, M. Baillargeon, L. Drouin, R. Lessard,
E. Robinson, J.-M. Berthelot, J. Caro, J. Leloir, D. Gautrin, S.
Martin, R. Massé, Y. Moride, F. Richer, E. Roy, J. Siemiatycki,
P. Simon, E. Roy, P. Robillard, S. Stock, M. Baltzan

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Bernatsky, J. Bourbeau, P. Brassard, T. Brewer, J. Brophy, B.
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M. Goldberg, K. Gray-Donald, S. Grover, S. Kahn, M. Klein,
E. Latimer, J.D. MacLean, N. Mayo, G. Pেকেles, L. Pilote,
E. Rahme, R. Rajan, N. Ross, K. Schwartzman, I. Shrier,
K.T. Tannenbaum

Family Medicine

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Chair — M. Dawes

Professors — H. Bergman, A. Macaulay, Y. Steinert
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Y. Bergevin, M. Boillat, J. Carsley, M. Dawes, M. Dworkind,
P. Forbes, S. Glaser, M. Golden, R. Grad, V. Jimenez,
J. Levitan, M. Malus, N. Nazerali, V.K. Nguyen, A. Pavilanis,

I. Rohan, E. Rosenberg, T. Tannenbaum, P. Tellier, A. Towers,
M. Yaffe

Assistant Professors — A. Aalamian, A. Adrien, D. Amdursky,
W. Barakett, E. Belanger, I. Benjamin, C. Berger, M. Berner,
S. Bisailon, S. Bouchard, P. Boucher, S. Boulet, P. Bourassa,
G. Brock, G. Brousseau, H. Bureau, I. Burstein, I. Campbell,
S. Cape, L. Charette, M. Chateauvert, J. Chirgwin, M. Comeau,
H. Coombs, H. Coopersmith, B. Cote, J. Cox, P. Cruvellier,
C. Czuboka, D. Dalton, R. Dancose, J. Dankoff, M. Dowdall,
M. Doyle, E. Duarte-Franco, P. Duffy, V. Einagel Jr., J. Farley-
Deschamps, P. Feldman, D. Finestone, R. Friedman,
B. Fuchsman, A. Fuoco, G.P. Gagne, J. Gaiptman,
H. Goldstein, B. Gordon, W. Grad, L. Graves, G. Gupta,
N. Gupta, J. Gutman, A. Guttman, J. Guy, L. Haiek, N. Haley,
M. Hammond, B. Hayton, J. Hughes, M. Hughes, F. Jasserand,
S. Jones, R. Khullar, J. Kirk, D. Kohn, E. Kravitz, V. Lacroix,
L. Lam, E. Lang, M. Lefson, B. Lemieux, S. Levitz, E. Lorber,
R. Lubarsky, R. Ludman, G. Luskey, P. Lysy, A. Macek,
K. MacLellan, R. Mah, R. Mahood, S. Martin, C. Mavriplis,
R. May, B. Mayman, L. McLaughlin, G. Michaels, T. Minde,
M. Moss, V. Myles, R. Nappert, J. , C. Ogilvy,
C. Paraskevopoulos, M. Perrone, R. Perrotta, A. Phillips,
L. Poulin de Courval, R. Primavesi, M. Rappaport, M. Roper,
S. Rosenthal, A. Rothman, J. Rowen, H. Rubenstein,
B. Russillo, N. Sabin, B. Schiff, G. Schlosser, I. Shrier,
B. Slapcoff, J. Snodgrass, R. Sorge, D. Sproule, J. Stasiak,
D. Steg, E. Stern, S. Still, H. Stuart, J. Szabo, M. Tetreault,
E. Tremblay, B. Unger, L. Vanasse, T. Vandor, H. Vasilikaki-
Baker, M. Ware, P. Wasser, R. Weinman, A. Whiteman,
S. Windholz, J. Wootton

Lecturers — H. Abrahams, P. Adler, K. Aikin, L. Alladin, D. Alper,
R. Ayallon-Galvan, J. Backler, N. Baird, S. Ballou,
J.F. Belanger, V. Blonde, K.E. Boisvert, L. Boretzky,
J. Boucher, M. Bouhadana, A. Bourgon, A. Bourkas,
L.T. Breger, K. Brissette, B. Brown, M. Cardinal, R. Carlin,
P. Caron, H. Carsley, R. Chehade, D. Chouinard, L. Chrétien,
H.S. Cohen, E. Cosulich, P. Croteau, C. Daigle, P. Daignault,
D. Dannenbaum, E. Dauth, J. De La Chevrotiere,
D. Deschenes, D. Désy, G. D'Ignazio, A.M. Dollois, P. Dongier,
A. Doucet, M. Dove, R. Drummond, G. Duns, J. Duval,
J. Dwyer, E. Edelstein, M. Engo, D. Ferrarotto, C. Ferrier,
B. Fine, C. Florakas, A.S. Focroulle, J. Fontg-Walmsley,
N. Fox, C. Foyle, S. Geukjian, F. Gilbert, M. Gillman,
S. Gingras, C. Godbout, B. Goldenberg, M.H. Goulet, G. Guay,
L. Guay, M. Guay, V. Gurekas, J. Hagshi, M. Hallman,
R. Harris, C. Haskins, S. Heisler, E. Hew, R. Hunt, Z. Irani,
M. Isler, C. Jarvis, A. Juras, M. Katz, J. Klvana, I. Kovitch,
A. Krull, S. Kushner, L.P. Lacroix, D. Lalla, L. Lalla,
M. Lamarche, H. Laperriere, D. Lasry, C.E. Lavoie, K. Lawlor,
C. Leclerc, S. Leclerc, B. Leduc, G. Lee, E. Lemercier,
L. Lessard, A. Levi, J. Lewis, N. Liesegang, P. Lipes,
M. Lisanu, A. Lynch, P. Martel, S. Mayer, B. Monahan,
R. Morris, B. Mortezaei, V. Nally, J. Nayar, M. Odell, T. O'Neill,
A. Oommen, M. Persson, E. Potvin, D. Pouteau, G. Prévost,
I. Rodier, M. Rona, L. Rooke, A. Rosengren, S. Rousson,
G. Roy, P. Saba, R. Saksena, G. Satenstein, H. Smeja,
J. Smith, M. Solomon, G. Steel, P. Steinmetz, J. Su,
M.K. Tafler, A. Tcheremenska, G. Tessier, W. Thai,
G. Theriault, L. Thyer, N. Trister, J.M. Troquet, Y. Trottier,
G. Van Gorp, P. Varvarikos, A. Verneq, P. Vetere, T.H.Y. Vo,
I. Wyszogrodski, J. Yaremko, J.A. Zigby

Adjunct Professors — M. Clarfield, M.W.L. Davis, W. Davis,
N. Haley, M. Klein

Associate Members — L. Berkson, A. Brown-Johnson,
M.-J. Caron, I. Cummings, S. Delaney, B. Deschamps,
B. Dubuc, H.-S. Hum, A. Lippman, D. McPherson

Human Genetics

1205 Dr. Penfield Avenue, Room N5/13
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Chair — D.S. Rosenblatt

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C. Scriver

Professors — E. Andermann, V. Der Kaloustian, A. Duncan, K. Glass, F. Glorieux, T. Hudson, F. Kaplan, D. Malo, K. Morgan, R. Palmour, D. Radzioch, D.S. Rosenblatt, R. Rozen, R. St. Arnaud, E. Schurr, E. Shoubridge, J. Trasler
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Assistant Professors — C.Z. Abraham, M. Alini, D. Anderson, M. Anidjar, J. Antoniou, S.A. Aronson, D. Arsenault, J. Atkinson, M. Basik, T. Benaroch, G.K. Berry, B. Brenner, A.D. Brzezinski, M. Burman, M. Cantarovich, G. Capolicchio, S. Carrier, R. Cecere, P. Chan, R. Charbonneau, P. Charlebois, R. Chaytor, J. Chen, E. Chevet, M. Chevette, M.S. Chughtai, L.B. Conochie, M.M. Corriveau, O. Court, R. J. Crépeau, D.M. Cunningham, A.M. Derossis, T. Dionisopoulos, D.M. Eiley, A. El-Hakim, M.T. El-Sherbini, C. Emond, P. Ergina, J. Faria, P. Fata, L. Feldman, L. Ferri, S. Fraser, J. Garzon, G. Ghitulescu, O. Huk, B.B. Hyams, S.A. Jacobson, C. Janelle, P. Jarzem, R. Jednack, J. Johansson, K.M. Johnston, J. Keyserlingk, I.W. Kuzmarov, J. Lapointe, 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. Petropavlovskaja, P. Puligandla, E. Quiros-Calinoiu, T. Razek, A.D. Recklies, R. Reindl, J. Rodriguez, B. St-Jacques, R. Salasidis, I. Shanfield, K. Shaw, H.M. Shulman, C. Sirois, B. L. Stein, J. Steinberg, F. Tremblay, C-A. Vasilevsky, M. Volesky, S.A. Youssef, T. Zadeh, R.G. Zelt

Lecturers — K. Aikin, E. Bégin, B. Buchler, J. Cohen, H. Daoud, R. Dimentberg, R. Fenster, D. Kalogeropoulos, L. Legrand-Westfall, L. Lincoln, F. Ma, R.A.H. McLeod, J. Mijangos-Pelaez, M. Nachabe, V.W. Papanastasiou, G.J. Pearl, L. Rosen, N. Roy, J. Schwarz, C. Sirois, P. Stephenson, J.D. Sullivan, T. Surowaniec, J.R. Sutton, D. Tataryn, I.S. Weissglas, D.G. Wiltshire

Associate Members — S. Ades, A.M. Ahmed, J. Chen, P. Goldberg, A. Gursahaney, R. Koenekoop, J.-J. Lebrun, K. Sircar, L.A. Stein

Adjunct Professors — M. Aebi, M. Carmel, S.B. Dion, M. Ede Filho, D. Evans, A.M. Houle, T.H. Huynh, R.R. Lett, S. Mahmud, J.L. Meakins, Y. Ponsot, R. Tomlinson, P. Vachon, D.R. Williams

Research Associates — E. de Lamirande, E. Devemy, T. Goswami, E. Lee, M.C. San Gabriel

5 School of Communication Sciences and Disorders

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5.1 The School

5.1.1 Location

School of Communication Sciences and Disorders
Beatty Hall
1266 Pine Avenue West
Montreal, QC H3G 1A8
Canada

Telephone: (514) 398-4137
Fax: (514) 398-8123
E-mail: scsd@mcgill.ca
Web site: www.mcgill.ca/scsd

5.1.2 Administrative Officers

Abraham Fuks; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
Dean, Faculty of Medicine (until September 1, 2006)

Richard I. Levin; B.Sc.(Yale),M.D.(NYU)
Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine (as of September 1, 2006)

Shari Baum; B.A.(C'nell), M.S.(Vt.), M.A., Ph.D.(Brown)
Director

Elin Thordardottir; B.A., M.Sc., Ph.D.(Wis.Madison)
Research Director

5.1.3 Staff

Emeritus Professor
Donald Doehring; B.A.(Buff.), M.A.(N.M.), Ph.D.(Ind.)

Professors
Shari Baum; B.A.(C'nell), M.S.(Vt.), M.A., Ph.D.(Brown)
Athanasios Katsarkas; M.D.(Thess.), M.Sc.(McG.),
F.R.C.P.(C)

Associate Professors
Vincent Gracco; B.A., M.A.(San Diego), Ph.D.(Wis.-Madison)
Rachel Mayberry; B.A.(Drake), M.Sc.(Wash.), Ph.D.(McG.)
Marc Pell; B.A.(Ott.), M.Sc., Ph.D.(McG.)
Linda Polka; B.A.(Slippery Rock), M.A.(Minn.), Ph.D.(S.Flor.)
Elin Thordardottir; B.A., M.Sc., Ph.D.(Wis.-Madison)

Assistant Professor
Karsten Steinhauer; M.Sc., Ph.D. (Dr.rer.nat) (F.U.Berlin)

Assistant Professor (Special Category)
Susan Rvachew; B.Sc.(Alta.), M.Sc., Ph.D.(Calg.)

Assistant Professors (Part-Time)
Gabriel Leonard; B.A.(Dublin), D.A.P., M.Sc., Ph.D.(McG.)
Rosalee Shenker; B.Sc.(Syr.), M.A.(Calif. St.), Ph.D.(McG.)

Faculty Lecturer
Jeanne Claessen; M.A.(Reading), Dip. Clinical
Communication Studies(City University, London)

Faculty Lecturers (Part-Time)
Michelle Bourque; B.A.(New Br.), M.Sc.(McG.)
Pi-Yu, Chiang ; B.A.,M.A. (Nat'l Taiwan U)
Catherine Dench; B.Sc.(Lond.), M.Sc.(W.Ont.)
Caroline Erdos; B.A. (C'dia),M.Sc.A. (McG.)
Ruth Gesser; B.A.(C'dia), M.Sc.A.(McG.)
Jill Harrisson; B.A., M.Sc.(McG.)
James Lapointe; B.A., M.Sc.A.(McG.)
Cathy Mhun; B.A., M.Sc.A.(McG.)
Mahchid Namazi; B.Sc., M.Sc.(Br.Col.)
Sun Young Oh ; B.A.,M.A. (Sogang U.),Ph.D. (Br.Col.)
Darla Orchard; B.A., M.Sc.(McG.)
Linda Ritchey; B.Sc.,M.A.,(Minn.)
Judith Robillard-Shultz; B.A., M.Sc.A.(McG.)
Colleen Timm; B.A.(C'dia), M.Sc.A.(McG.)
Patricia Viens; ASLTA Certificate(Rochester I.T.), ASL
Workshop Certificate(Vista U.)
Anne Vogt; B.Ed.,B.A.(Tel Aviv)

Associate Members
Eva Kehayia (Physical and Occupational Therapy), Yuriko
Oshima-Takane (Psychology)

Adjunct Members
Howard Chertkow (*Jewish Gen.*), David McFarland (*Montr.*),
Martha Crago (*Montr.*)

5.1.4 Historical Notes

The School of Communication Sciences and Disorders, which is a part of the Faculty of Medicine, began its operation in September 1963 within the Division of Audiology and Speech Pathology of the Institute of Otolaryngology at the Royal Victoria Hospital. It was one of the first university departments in Canada to offer graduate training in Speech-Language Pathology and Audiology.

Originally the School offered a two-year professional program which led to the M.Sc., Applied. For the first few years, this provided joint qualification in Audiology and Speech Pathology, however, it was soon decided that specialization within one or the other area was necessary. Over the years, the student population has grown from four to more than 50 students and the full-time faculty from two to nine.

In keeping with the McGill tradition of excellence in research, the School was the first in Canada to offer a doctoral degree in Communication Sciences and Disorders. In

the past few years increased emphasis has been placed on research programs and in 1989, the M.Sc. program was modified so that students could receive both professional and research training at that stage. This modification provides the necessary background for students wishing to continue their studies at the doctoral level.

5.2 Programs Offered

The School offers a professional degree in Communication Sciences and Disorders at the M.Sc. (Applied) level with specialization in Speech Language Pathology and two research degrees, an M.Sc. (Research) and a Ph.D. in Communication Sciences and Disorders.

5.2.1 M.Sc.(Applied) Degree in Communication Sciences and Disorders

The professional degree leads to a Master of Science (Applied) 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. To prepare students as creative professionals, the program emphasizes the understanding of principles and theories, and their present or potential clinical applications, in addition to the teaching of specific techniques for assessment and intervention. Active participation in the learning process is encouraged.

The profession of Speech-Language Pathology concerns assessment and intervention in speech and language disorders. In particular, the Speech-Language Pathologist is concerned with two major parameters of communication sciences and disorders: language and speech. At present, most speech-language pathologists in Canada work in hospitals, public school systems, rehabilitation centres, and in special education facilities.

5.2.1.1 Requirements for Licensure

The majority of provinces in Canada and certain states in the U.S.A. require that those intending to practice as Speech-Language Pathologists within their borders comply with special provincial or state licensing regulations. Graduates wishing to practice in the province of Quebec must be members of l'Ordre des Orthophonistes et Audiologistes du Québec (OOAQ) in order to call themselves Speech-Language Pathologists. Further information is available from the OOAQ, 235, boulevard René Lévesque est, bureau 601, Montréal (Québec) H2X 1N8. Telephone: (514) 282-9123. Website: www.ooaq.qc.ca

Quebec law requires that candidates seeking licensure in provincially recognized professions demonstrate a verbal and written working knowledge of the French language. See the Language Requirements for Professions in the General Information and Regulations section of the *Health Sciences Calendar*.

5.2.2 Research Degrees – M.Sc. and Ph.D.

Selected candidates may be accepted for the M.Sc. and Ph.D. research degrees. Each student's Thesis supervisor and Thesis Committee design an individualized program of study in collaboration with the student. The program can include graduate courses offered by the School and by other departments at McGill.

5.2.3 Ph.D. Option in Language Acquisition (LAP)

Information about this option is available from the School and on the Web at: ego.psych.mcgill.ca/lap.html.

5.2.4 Funding

The IODE Provincial Chapter of Quebec funds two \$1,000. "Silence to Sound" awards for studies in hearing impairment.

These in-course awards are based on academic merit, financial need, and potential for excellence are awarded by the School.

Montreal League for the Hard of Hearing Award.

Candidates must be enrolled at the graduate level in the School and working in the area of hearing impairment. Awarded by the School. Value – up to \$1,000.

5.3 Admissions Requirements

5.3.1 M.Sc.(Applied)

An applicant must hold an undergraduate degree with a minimum B average (3.0 on a 4.0 point scale) or better in areas relevant to the selected field of specialization. Specific requirements are six credits in statistics, a total of 18 credits across the disciplines of psychology and linguistics (with a minimum of six credits in each discipline). Knowledge of physiology is also desirable.

5.3.2 M.Sc. in Communication Sciences and Disorders

The M.Sc. provides research training for:

1. students who are also taking courses for professional qualification;
2. students who have a non-thesis professional degree in Communication Sciences and Disorders; and
3. students with degrees in related fields who wish to do research but not obtain professional qualification in Communication Sciences and Disorders.

5.3.3 Ph.D. in Communication Sciences and Disorders

Applicants should normally have a Master's degree with thesis or its equivalent in Communication Sciences and Disorders or a related field (e.g., psychology, linguistics).

Students who possess an appropriate Bachelor's degree or Master's degree without thesis will also be considered for the Ph.D. program, but, if admitted, must first complete a qualifying year of coursework and a research project in the School ('fast-track' option).

5.4 Application Procedures

Please see the School of Communication Sciences and Disorders Website at www.mcgill.ca/scsd/application for required application materials.

School of Communication Sciences and Disorders will only consider applications upon receipt of the following documentation prior to the February 1st deadline.

- Online application
- Information Form
- Prerequisite Form
- Personal Statement
- Two letters of Recommendation
- Two official copies of Transcripts from all Universities attended

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 admission**: the Test of English as a Foreign Language (TOEFL) with a minimum score of 587 (paper-based) or 240 (computer-based), or 95 on the Internet-based test with minimum component scores of 24 in both Speaking and Writing and 21 in both Reading and Listening, or the International English Language Testing System (IELTS) with a minimum overall band score of 7.0.

5.4.1 M.Sc. (thesis) and Ph.D. programs

Application for Fall admission are processed shortly after the deadline of February 22. All applications received by that date are automatically considered for any internal funding or awards made available to the department for recruitment purposes. Applications for Winter or Summer admission are processed when they are received, but must be received no later than August 1 (Winter admission) or December 15 (Summer admission). Students who apply for Fall admission generally have the most options with respect to applying for external funding as well as for being considered for internal support.

Applications will be considered upon receipt of supporting documents as outlined above. All applicants are strongly encouraged to submit reports of their performance on the Graduate Record Examination (GRE).

5.5 Program Requirements

5.5.1 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*.

5.5.2 Vaccination Requirements

Students in the School must comply with the requirements outlined in the General University Information, [section 2.1.9 "Vaccination/Immunization Requirements"](#).

5.5.3 M.Sc.(Applied) in Communication Sciences and Disorders – Speech-Language Pathology Option/Concentration (68 credits)

The professional degree program involves two academic years of full-time study and related practical work followed by a Summer internship.

Year 1 Required Courses (31 credits)

Fall

- SCSD 616 (3) Audiology
- SCSD 617 (3) Anatomy and Physiology of Speech and Hearing
- SCSD 619 (3) Phonological Development
- SCSD 624 (3) Language Processes
- SCSD 633 (3) Language Development
- SCSD 681 (1) Practicum and Seminar 1

Winter

- SCSD 631 (3) Speech Science
- SCSD 632 (3) Phonological Disorders: Children
- SCSD 637 (3) Developmental Language Disorders 1
- SCSD 638 (3) Neurolinguistics
- SCSD 682 (1) Practicum and Seminar 2

Summer

- SCSD 646 (2) Introductory Clinical Practicum

Year 1 Complementary Course (3 credits)

One three-credit seminar option must be taken.

Year 2 Required Courses (31 credits)

Fall

- SCSD 618 (3) Research and Measurement Methodologies
- SCSD 636 (3) Fluency Disorders
- SCSD 639 (3) Voice Disorders
- SCSD 643 (3) Developmental Language Disorders 2
- SCSD 644 (3) Applied Neurolinguistics
- SCSD 683 (1) Practicum and Seminar 3

Winter

- SCSD 609 (3) Neuromotor Disorders
- SCSD 642 (3) Aural Rehabilitation
- SCSD 669 (3) Special Developmental Speech/Language Problems
- SCSD 680 (3) Deglutition and Dysphagia
- SCSD 684 (1) Practicum and Seminar 4

Summer

- SCSD 679 (2) Advanced Clinical Practicum

Year 2 Complementary Course (3 credits)

One three-credit seminar option must be taken.

M.Sc.(Applied) Complementary Course List

- SCSD 634 (3) Research and Measurement Methodologies 2
- SCSD 664 (3) Communication Sciences and Disorders 1
- SCSD 666 (3) Communication Sciences and Disorders 3
- SCSD 667 (3) Communication Sciences and Disorders 4
- SCSD 670 (3) Communication Sciences and Disorders 2
- SCSD 678 (3) Special Topics 4

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

5.5.4 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, 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.

Complementary Courses (21 credits)

6 - 21 credits chosen from:

- SCSD 675 (12) Special Topics 1
- SCSD 676 (9) Special Topics 2
- SCSD 677 (6) Special Topics 3
- SCSD 678 (3) Special Topics 4

or courses in other departments, as arranged with the student's thesis supervisor

0 - 15 credits chosen from:

- SCSD 673 (12) M.Sc. Thesis 3
- SCSD 674 (3) M.Sc. Thesis 4

Thesis Component – Required (24 credits)

- SCSD 671 (12) M.Sc. Thesis 1
- SCSD 672 (12) M.Sc. Thesis 2

5.5.5 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 (SCSD 685 and SCSD 686) and related coursework during the initial year. An examination in a foreign language is not required.

Required Courses (6 credits)

- SCSD 652 (3) Advanced Research Seminar 1
- SCSD 653 (3) Advanced Research Seminar 2
- SCSD 685 (3) Research Project 1
- SCSD 686 (3) Research Project 2
- SCSD 701 (0) Doctoral Comprehensive

Complementary Courses (minimum 6 credits)

6 credits of graduate-level statistics from courses such as: EDPE 676, EDPE 682, EDPE 684, EPIB 621, EPIB 622, PSYC 650, PSYC 651.

Any other course requirements specified for the student's individual program of study.

5.5.6 Ph.D. in Communication Sciences and Disorders – Language Acquisition Option/Concentration

Students must satisfy all program requirements for the Ph.D. in their home department. The Ph.D. thesis must be on a topic relating to language acquisition, approved by the LAP committee.

Required Courses (14 credits)

EDSL 711	(2)	Language Acquisition Issues 3
LING 710	(2)	Language Acquisition Issues 2
PSYC 709	(2)	Language Acquisition Issues 1
SCSD 652	(3)	Advanced Research Seminar 1
SCSD 653	(3)	Advanced Research Seminar 2
SCSD 712	(2)	Language Acquisition Issues 4
SCSD 701	(0)	Doctoral Comprehensive

Complementary Courses (9 credits)

3 credits of graduate-level statistics from courses such as: EDPE 676, EDPE 682, PSYC 650, PSYC 651; students who have taken an equivalent course in statistics, or are currently taking an equivalent course as part of their Ph.D. program requirements, will be deemed to have satisfied this requirement for the Language Acquisition Option.

At least 6 credits, two courses, selected from the following list. One of these two courses must be from outside Communication Sciences and Disorders.

EDSL 620	(3)	Critical Issues in Second Language Education
EDSL 623	(3)	Second Language Learning
EDSL 624	(3)	Educational Sociolinguistics
EDSL 627	(3)	Classroom-Centred Second Language Research
EDSL 629	(3)	Second Language Assessment
EDSL 632	(3)	Second Language Literacy Development
EDSL 664	(3)	Second Language Research Methods
LING 555	(3)	Language Acquisition 2
LING 590	(3)	Language Acquisition and Breakdown
LING 651	(3)	Topics in Acquisition of Phonology
LING 655	(3)	Theory of L2 Acquisition
LING 755	(3)	Advanced Seminar: Language Acquisition
PSYC 561	(3)	Methods: Developmental Psycholinguistics
PSYC 734	(3)	Developmental Psychology and Language
PSYC 735	(3)	Developmental Psychology and Language
PSYC 736	(3)	Developmental Psychology and Language
PSYC 737	(3)	Developmental Psychology and Language
PSYC 738	(3)	Developmental Psychology and Language
PSYC 739	(3)	Developmental Psychology and Language
SCSD 619	(3)	Phonological Development
SCSD 632	(3)	Phonological Disorders: Children
SCSD 633	(3)	Language Development
SCSD 637	(3)	Developmental Language Disorders 1
SCSD 643	(3)	Developmental Language Disorders 2

5.6 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.

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

SCSD 609 NEUROMOTOR DISORDERS. (3) The focus of this course will be on the assessment and management of motor speech disorders, associated with both acquired and developmental neuromotor disorders, and swallowing disorders (of both neuromotor and structural origin).

SCSD 616 AUDIOLOGY. (3) Basic diagnostic and rehabilitative procedures, goals and procedures used in clinical audiology, and the psychoacoustic theories on which they are based will be presented.

SCSD 617 ANATOMY AND PHYSIOLOGY: SPEECH AND HEARING. (3) The anatomy and physiology of speech and hearing mechanisms will be covered. Topics will include neuroanatomy, the anatomy and physiology of the head, neck and upper torso, and the external, middle, and inner ear.

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. (3) Theories and research related to normal and abnormal phonological development in children will be studied.

SCSD 624 LANGUAGE PROCESSES. (3) The structure and nature of on-line processing of the language code, and the interaction of structure and function of language will be studied. Theories about the nature of representation and research concerning its processing, and the role of sociocultural factors in linguistic performance also will be covered.

SCSD 631 SPEECH SCIENCE. (3) The acoustic analysis and perception of speech and related pathologies will be presented. Theories and models of speech production, speech motor control, and speech perception will be considered.

SCSD 632 PHONOLOGICAL DISORDERS: CHILDREN. (3) The nature of phonological disorders and clinical approaches for their remediation in children will be presented.

SCSD 633 LANGUAGE DEVELOPMENT. (3) Theories of language acquisition, prerequisites to language development, and current issues in research will be studied. Topics include the role of input, individual differences in acquisition, and language socialization.

SCSD 634 RESEARCH AND MEASUREMENT METHODS 2. (3) This course addresses the strengths and weaknesses of various research designs. Issues concerning the analysis and interpretation of research results also will be discussed.

SCSD 636 FLUENCY DISORDERS. (3) The nature of stuttering, various causal theories, and techniques for evaluation and treatment of children and adults will be presented.

SCSD 637 DEVELOPMENTAL LANGUAGE DISORDERS 1. (3) The nature of developmental language disorders and the assessment of language competence and performance in both speaking and non-speaking children will be studied.

SCSD 638 NEUROLINGUISTICS. (3) Current theories of language-brain relationships and speech and language deficits subsequent to brain damage will be studied. A review of current research on phonetic, lexical, and syntactic processing in brain-damaged individuals is included.

SCSD 639 VOICE DISORDERS. (3) Information about the vocal mechanism, its pathologies, and methods of evaluation and treatment will be studied.

SCSD 642 AURAL REHABILITATION. (3) This course addresses the effects of hearing impairment in adults as well as in the developing child with attention to problems in speech, language, and cognitive function as well as social-emotional adjustment. Various intervention approaches are examined.

SCSD 643 DEVELOPMENTAL LANGUAGE DISORDERS 2. (3) Major theories of language disorders are translated into intervention principles used in language treatment programs. Adaptations of intervention techniques to suit specific disorders (including augmentative communication) will be explored.

SCSD 644 APPLIED NEUROLINGUISTICS. (3) Various classificatory systems and appropriate assessment and remediation principles for brain-damaged individuals will be covered. Theoretical and clinical issues relevant to treatment of aphasic, neuromotor, and memory disorders will be considered.

SCSD 646 INTRODUCTORY CLINICAL PRACTICUM. (2) This course provides an introduction to professional practice through intensive exposure to a variety of clinical populations.

SCSD 652 ADVANCED RESEARCH SEMINAR 1. (3) (This course may be taken as an advanced course for M.Sc. students.) Pro seminar in which current research topics in communication disorders will be discussed.

SCSD 653 ADVANCED RESEARCH SEMINAR 2. (3) (This course may be taken as an advanced course for M.Sc. students.) Pro seminar in which current research topics in communication disorders will be discussed.

SCSD 664 COMMUNICATION SCIENCES AND DISORDERS 1. (3) Current research and professional issues in communication sciences and disorders will be discussed. Specific topics to be selected yearly.

SCSD 666 COMMUNICATION SCIENCES AND DISORDERS 3. (3) Current research and professional issues in communication sciences and disorders will be discussed. Specific topics to be selected yearly.

SCSD 669 SPECIAL DEVELOPMENTAL SPEECH/LANGUAGE PROBLEMS. (3) Information pertinent to cerebral palsy, cleft palate, autism, mental retardation, multiple handicaps and syndromes involving speech and language disorders will be presented. General descriptions of the disorders and specific assessment and remedial procedures will be addressed.

SCSD 670 COMMUNICATION SCIENCES AND DISORDERS 2. (3) Current research and professional issues in communication sciences and disorders will be discussed. Specific topics to be selected yearly.

SCSD 671 M.Sc. THESIS 1. (12)

SCSD 672 M.Sc. THESIS 2. (12)

SCSD 673 M.Sc. THESIS 3.(12)

SCSD 674 M.Sc. THESIS 4. (3)

SCSD 678 SPECIAL TOPICS 4. (3)

SCSD 679 ADVANCED CLINICAL PRACTICUM. (2) This course enhances professional practice independence through intensive exposure to a variety of clinical populations.

SCSD 680 DEGLUTITION AND DYSPHAGIA. (3) Advanced physiology and neurophysiology of mastication and deglutition, including normal function and diagnosis and treatment of swallowing disorders.

SCSD 681 PRACTICUM AND SEMINAR 1. (1) Course provides initial practicum experiences including a combination of the following: speech/language and hearing screenings, facility tours, short term placements and laboratory assignments.

SCSD 682 PRACTICUM AND SEMINAR 2. (1) This course provides clinical experience through short-term placements and screenings, as well as discussions of current practicum issues.

SCSD 683 PRACTICUM AND SEMINAR 3. (1) Professional practice experiences focusing on a variety of clinical populations are provided. Discussion of advanced issues in clinical practice is included.

SCSD 684 PRACTICUM AND SEMINAR 4. (1) This course provides clinical practicum experiences in a range of settings. Professional practice issues are considered.

SCSD 685 RESEARCH PROJECT 1. (3) Supervised research project.

SCSD 686 RESEARCH PROJECT 2. (3) Supervised research project.

SCSD 701 DOCTORAL COMPREHENSIVE. (0)

SCSD 712 LANGUAGE ACQUISITION ISSUES 4. (2)

6 School of Nursing

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6.1 The School

6.1.1 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.nursing.mcgill.ca

6.1.2 Administrative Officers

Abraham Fuks; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
Dean, Faculty of Medicine (until September 1, 2006)

Richard I. Levin; B.Sc.(Yale),M.D.(NYU)
Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine (as of September 1, 2006)

Hélène Ezer; N., B.Sc.(N.), M.Sc.(A.)(McG.), Ph.D.(Montr.)
**Acting Associate Dean, Faculty of Medicine
Acting Director, School of Nursing**

Marcia Beaulieu; N., B.Sc., M.Sc.(A), Ph.D.(McG.)
Assistant Director, B.N. Program

Madeleine Buck; N., B.Sc.(N.), M.Sc.(A)(McG.)
Assistant Director, B.Sc.(N.) Program

Hélène Ezer; N., B.Sc.(N.), M.Sc.(A.)(McG.), Ph.D.(Montr.)
Assistant Director, Graduate Programs

C. Céleste Johnston; N., B.N., M.S.(Boston), D.Ed.(McG.)
Associate Director, Research

Margaret Purden; N., B.Sc.(N.), Ph.D.(McG.)
Academic Coordinator, Ph.D. Program

6.1.3 Academic Staff

Emeritus Professor

Elizabeth C. Logan; N., B.Sc.(Acad.), M.Sc.(Yale)

Professors

Nancy Frasure-Smith; B.A., Ph.D.(Johns H.) (*part-time*)

Laurie N. Gottlieb; N., B.N., M.Sc.(A.), Ph.D.(McG.)

(*Shaw Professor of Nursing*)

C. Céleste Johnston; N., M.S.(Boston), B.N., D.Ed.(McG.)
(*James McGill Professor*)

Associate Professors

Hélène Ezer; N., B.Sc.(N.), M.Sc.(A.)(McG.), Ph.D.(Montr.)

Omaima Mansi; N., B.Sc.N.(Alexandria), M.Sc.(A.)(McG.),
Ph.D. candidate (Montr.)

Assistant Professors

Antonia Arnaert; N., M.P.H.(Catholic U. of Leuven, K.U.L.),
M.P.A.(EHSAL), Ph.D.(K.U.L.)

Marcia Beaulieu; N., B.Sc., M.Sc.(A.), Ph.D.(McG.)

Nancy Feeley; N., B.Sc.(N.), M.Sc.(A.), Ph.D.(McG.)(Part-time)

Anita J. Gagnon; N., B.Sc.N., M.P.H., Ph.D.(McG.)

Céline Gélinas; N., B.Sc.(N.), M.Sc.(N.), Ph.D.(Laval), Post
Doc(McG.)(*Starting January 2007*)

Mélanie Lavoie-Tremblay, N., B.Sc.(N.) (Laval), M.Sc.(N.)
(Laval), Ph.D. (Laval), Post Doc (Tor.)

Carmen G. Loiselle; N., B.Sc.(N.)(Montr.), M.S., Ph.D.(Wis.-
Madison)

Margaret Purden; N., B.Sc.(N.), Ph.D.(McG.)

Sonia Semenic; N., B.A., M.Sc.(A.), Ph.D.(McG.)(*Starting
January 2007*)

Faculty Lecturers

Cheryl Armistead; N., B.Sc.(N.), M.Sc.(N.)(Ott.)

Madeleine M. Buck; N., B.Sc.(N.), M.Sc.(A.)(McG.)

Kathryn Carnaghan-Sherrard; N., B.N.,

M.Sc.(A.)(McG.)(Part-time)

Catherine P. Gros; N., B.Sc.(Mass.), M.Sc.(A.)(McG.) (*part-time*)

Carol Ann Sherman; N., B.Sc.(N.), M.Sc.(N.)(Calif. St.)

Contracted Faculty [part-time]

Deborah Abner; N., B.Sc.(N.), M.Sc.(A.)(McG.)

Franco Carnevale; N., B.Sc.(N.), M.Sc.(A.), M.Ed.,

Ph.D.(McG.)

Jane Chambers-Evans; N., B.Sc.(N.), M.Sc.(A.)(McG.)

Luisa Ciofani; N., B.Sc.(N.), M.Sc.(A.)(McG)

Ayan Dalel; N., B.Sc.(N.), M.N.(Tor.)

Vicki Doucette ; N., B.Sc.(N.)(Br. Col.)

Susan Drouin; N., B.N.(UNB), M.Sc.(A.)(McG.)

Jessica Emed; N., B.A., B.Sc., M.Sc.(A.)(McG.)

Andrea Fleiszer; N., B.Sc.(McG), B.N.(Calg.)

Shari Patricia Gagné; N., B.Sc.(N.)(Ott.), M.Sc.(A.)(McG.)

Wendy Higden; N., B.Sc.(N.)(McG.)

Derek Jones; B.A.(Yale), Juris Doctor(Harv.)

Kelley Kilpatrick; N., B.Sc.(N.), M.Sc.(A.)(McG)

Andrea Laizner; N., B.Sc.(N.), M.Sc.(A.)(McG),

Ph.D.(Penn.), Post Doc(Montr.)

Anne Marie Lanctôt; N., B.A., M.Sc.(A.)(McG.)

Linda Lee; N., B.Sc.(N.)(McG.)

Dimitra Lepipas; N., B.Sc.(N.)(Montr.)

Janet Barbara MacDonald; N., B.Sc.(N.)(Alta.), M.Sc.(N.)(Br.
Col.)

Joan Meadows; N., B.Sc.(N.)(McG)

Deborah Meldrum; N., B.Ed.

Lisa Merry; N., B.Sc., M.Sc.(A.)(McG)

Magda Mlek; N., B.Sc.(N.)(McG)

Sharon Naraine; N., B.Sc.(N.)

Frederick Peter Nestel; B.Sc. (McG), M.Sc. (Qu.), Ph.D.
(McG.)

Maggie Newing; N., M.Sc.(A.)(McG.)

Anna Pevreal; N., B.N.
 Beverly Rowat; N., B.Sc.(N.), M.Sc.(McG.)
 Lia Sanzone; N., B.Sc.(N.), M.Sc.(A.)(McG.)
 Martha Stewart; N., B.Sc.(N.), M.Sc.(A.)(McG.)
 Diana Taddeo; N., B.Sc., B.Sc.(N)(McG.)
 Jodi Tuck; N., B.Sc.(McM), M.Sc.(A.)(McG.)
 Karen Urquhart ; N., B.Sc.(N.)
 Rosanna Zappavigna; N., B.Sc.(N), M.Ed.(McG.)

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)

Douglas Hospital St. Mary's Hospital
 Jewish General Hospital CSSS Côte-des-Neiges, Métro
 et Parc Extension

Shriner's Hospital for Children

OTHER TEACHING CENTRES

Batshaw Youth and Family Centre Head and Hands
 Catherine Booth Hospital International/National
 Placement
 CLSC Champlain Jewish Rehabilitation Hospital
 CLSC Plateau Mt. Royal Kateri Memorial Hospital
 Centre
 CLSC St. Laurent Lakeshore General Hospital
 CLSC St. Louis Du Parc Maimonides
 CSSS Cavendish Mer et Monde
 CSSS de l'Ouest de l'Île Lac Montclair Residence
 CSSS de la Montagne Montreal Association for the
 Blind
 CSSS des Îles de la Madeleine Montreal Institute of Cardiology
 CSSS Jardins-Rousillon Mt. Sinai Hospital Centre
 CSSS Jeanne Mance Quebec Northern Module
 CSSS Lasalle/Vieux Lachine Richardson Hospital Centre
 CSSS Verdun/Cote St. Paul/ St. Margaret's Day Centre
 Pte. St. Charles
 Communes Jewish Centre for Ste. Anne Veteran Hospital
 Seniors
 Concordia University Health Clinic San agencée Hospital
 Dept. de Santé Publique de Tulattavik Health Centre of
 Montréal Ungava Bay
 Fulford Residence West Island Palliative Care
 Residence
 Griffith-McConnell Residence Yellow Door

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 and Affiliated Faculty Members:

Professor

Susan E. French

Associate Professors

Franco Carnevale, Mona Kravitz, Frederick Peter Nestel, Carolyn Pepler, Judith Ritchie, Valerie J. Shannon, Edith Zorychta

Assistant Professors

Madeleine Boulay-Bolduc, Jane Chambers-Evans, Susan Drouin, Margaret Eades, Linda Edgar, Lucia Fabijan, Valerie Frunchak, Andrea Laizner, Virginia Lee, Diane E. Lowden, Ann Lynch, Linda McHarg, Lynne McVey, Michelle Nadon, Patricia O'Connor, Janet Rennick, Andreanne Saucier, Linda Ward

Faculty Lecturers

Deborah Abner, Francine Amireault, Sophie Baillargeon, Denise Bédard, Gisèle Bélanger, Melanie Bérubé, Vasiliki Bitzas, Linda P. Boisvert, Diane Borisov, Aline Bourgon, Rose Boyle,

Sharon Brissette, Robin Canuel, Marie-Hélène Carboneau, Lucy Mary-Anne Caron, Luisa Ciofani, Christina Clausen, Martine Claveau, Danielle Corbeil, Cindy Dalton, Danielle J. Drouin, Nancy Drummond, Jessica Emed, Constance Forget Falcicchio, Maryse Godin, Rosalie Cecelia Johnson, Suzanne L. Kennedy, Robyne Kershaw-Bellemare, Anne Marie Lanctôt, Philippe Lamer, Sandie Larouche, Althea Hazel McBean, Sharon Mooney, Linda Morneault, Catherine Notley, Catherine Oliver, Patricia Rose, Christina Rosmus, Peggy Ann Sangster, Rosalia Sanzone, Maryse Savoie, Valerie Joy Schneidman, Ellen Seguin, Melanie Sheridan, Rosa Sourial, Caterina Staltari, Janice Karen Stephenson, Martha A. Stewart, Gillian Taylor, Claire Thibault, Sarah Wendy-Lee Thirlwell, Kelly Thorstad, Lucie Tremblay, Antoinetta Vitale, Lucy Wardell, Rosanna Zappavigna

Adjunct Professor

Bruce Gottlieb

Associate Members

Rhonda Amsel, S. Robin Cohen, Mary K. Decell, Jae-Marie Ferdinand, Richard Gosselin, Ronald D. Gottesman, Sophie Nadeau, Claire Dominique Walker

Clinical Instructors

A list of nurses holding a McGill instructor appointment is available at the School of Nursing.

6.1.4 History

The McGill School of Nursing has been educating nurses since 1920. The School is internationally recognized for its distinctive vision, leadership in nursing and the quality of its programs. McGill nursing graduates have earned a reputation as outstanding clinicians, educators, researchers, and leaders in the discipline.

Over the years the faculty of the School at McGill has worked to formulate a philosophy about the responsibilities and practice of nursing. This philosophy, known as the McGill Model of Nursing, directs the curriculum of the programs at the School and emphasizes health, the family, learning and development, collaboration with clients and working with the resources of individuals, families and communities. Its intent is to actively promote health and well-being in people of all ages and across all situations. The McGill Model is also central to the Department of Nursing of the McGill University Health Centre.

The first programs offered at the McGill School of Nursing in the 1920s were intended to develop knowledge and skill for nurses working in the field of community health. In those early years, education programs offered at McGill were directed at nurses holding diplomas from hospital schools. Since 1957 the School has offered a first level undergraduate degree in nursing to university students interested in health care. The increasing complexity of nursing practice, coupled with the rapid growth of knowledge about human behaviour during health and illness led to the development of the Master's program in nursing in 1961 and the joint Doctoral program in collaboration with the University of Montreal in 1994.

The first doctoral degree in nursing in Canada was awarded at McGill in 1990. In addition the McGill School continues to publish the *Canadian Journal of Nursing Research*, Canada's first refereed journal of research and scholarly papers in nursing.

The School is administered in the Faculty of Medicine and is located in Wilson Hall, which houses classrooms, learning labs, computer facilities, faculty offices, and lounges. Students registered in the School also take courses in other faculties within the University. Selected experience in nursing is provided in the McGill University Health Centre, and in a wide variety of other health and social agencies in Montreal.

6.1.5 Programs Offered

The School offers the following programs which are outlined in the relevant section of this Calendar.

1. The School offers the following bachelor programs:
 - A bachelor's program, B.Sc.(N.), for holders of a collegial

(CEGEP) diploma in Health Sciences or Natural Sciences (or its equivalent). This program prepares students for entry into the Nursing Profession.

- A bachelor's program, B.N. (Integrated Nursing option) for holders of the DEC 180.A0 or students from a comparable program.
 - A bachelor's program, B.N., for registered nurses who graduated from a college or diploma nursing program. This program is currently under review and may be discontinued. Admission to this program is currently closed. For additional information on this program, please refer to the 2005-2006 Health Science calendar, or contact the School of Nursing.
2. The School offers an M.Sc. (A) in Nursing. This clinically based program prepares nurses to assume advanced practice roles in nursing (CNS or NP) or to tailor a program of study that meets specific career goals in such as administration and international health. There are two routes of entry to this program. Applications to the Master's program are accepted from:
- Nurses holding a bachelor's degree in nursing equivalent to 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.

6.1.6 Language Policy

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.

Knowledge of French is an asset, particularly for students who are required to complete clinical placements in Community Nursing courses.

It is recommended that students who lack proficiency in either French or English take advantage of intensive language courses.

Contact Student Services for help in integrating into a different language environment www.mcgill.ca/firstyear. Many services are available including extensive services for Francophone students.

6.1.7 Communication Policy

E-mail is the official means of communication between McGill University, the School of Nursing, and its students. Please consult [section 2.1.5, "E-mail Communication"](#) for details on this policy.

6.2 Bachelor Programs

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

Information about each category can be found at www.mcgill.ca/applying/undergrad2006-07.

The Bachelor of Science (Nursing) program is accredited by the Canadian Association of Schools of Nursing.

The curriculum for the B.Sc.(N.) extends over three years (four years for students who must complete U0 science courses - see [section 6.2.1.2, "B.Sc.\(N.\) Course of Study"](#)) 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.

6.2.1.1 B.Sc.(N.) Entrance Requirements

Quebec Diploma of Collegial Studies (Health Sciences/ Sciences)

Holders of the Diploma of Collegial Studies who have completed the following courses are considered for admission to the 106 credit B.Sc.(N.) Programme:

- Biology - NYA, General Biology II (00UK, 00XU)
- Chemistry - NYA, NYB, Organic Chemistry I (00UL, 00UM, 00XV)
- Mathematics - NYA, NYB (00UN, 00UP)
- Physics - NYA, NYB, NYC (00UR, 00US, 00UT)

Admission will be based on the *cote de rendement au collégial (cote r)*; overall *cote r* and *cote r* in prerequisite courses are considered.

Mature Students

Within the University provisions, candidates who are at least 23 years old, and are Canadian citizens or permanent residents, may be eligible for consideration as Mature Students. See

www.mcgill.ca/applying/undergrad2006-07/mature for more specific details. An applicant requesting entry as a Mature Student must have successfully completed a minimum of three courses: one in functions (pre-calculus) (calculus is preferred); at least two of general biology, chemistry or physics (all with labs) Each of the courses must have been completed at the CEGEP or university level, with a minimum university grade of 70% or equivalent. Mature students are advised to meet with CEGEP representatives to determine what courses they should take based on high school science studies. Candidates with these prerequisites may then be admitted to the 139 credit B.Sc.(N.) Program (four years, see U0 year in section 2.1.2 "B.Sc.(N.) Course of Study". Students will not repeat CEGEP level courses that are equivalent to U0 courses.)

Applicants from Ontario must have completed the Ontario Secondary School Diploma (OSSD) by the time they commence their university studies.

Prerequisites

- Calculus MCB4U (or OAC) OR Algebra and Geometry or MCB4U (or OAC)

At least two of:

- OAC Biology or SBI4U;
- OAC Chemistry or SCH4U;
- OAC Physics or SPH4U;
- OAC or 4U English or French.

For more information visit

www.mcgill.ca/applying/undergrad2006-07/ontario and www.mcgill.ca/applying/undergrad2006-07.

Applicants from Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, the Northwest Territories, Nova Scotia, Nunavut, Prince Edward Island, Saskatchewan or Yukon must hold a high school diploma giving access to university education in their province/territory.

Prerequisites

- Grade 12 Mathematics (pre-calculus)
- At least two of: Grade 12 Biology, Chemistry or Physics
- Grade 12 English or French

For more information visit

www.mcgill.ca/applying/undergrad2006-07/canada.

Transfer Students (Other Universities)

Students who wish to transfer from other universities and colleges are considered on the basis of both the pre-university and university studies. A minimum of 60 credits must be completed at McGill if a degree is to be granted. The student's admissibility and the number of credits which can be granted are determined only when a formal application and all the necessary supporting documents are received.

The minimum for consideration as a transfer student is:

- One semester of differential calculus
- One semester of integral calculus
- Two semesters of biology, chemistry and/or physics, with labs

For more information visit

www.mcgill.ca/applying/undergrad2006-07/other.

Inter-faculty Transfer Students (McGill)

Applications are completed through Minerva. Visit

www.mcgill.ca/student-records/inter-faculty-transfers for complete instructions.

The School of Nursing accepts applications from students currently enrolled in another program within McGill University. Students must be in Satisfactory Standing in their current program and a minimum cumulative GPA of 2.70 or above is normally required. Transfer students are considered for admission on the basis of current university studies and previous studies. Additional information about the School of Nursing can be obtained at www.nursing.mcgill.ca.

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 visit

www.mcgill.ca/applying/undergrad2006-07 for detailed information about requirements. Most students are considered for the four year B.Sc.(N) program (includes a U0 year described in [section 6.2.1.2](#)). 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 (see [section 2.1.14](#), "Proof of Proficiency in English" for other assessments that are acceptable. Information is also available at www.mcgill.ca/applying/undergrad2006-07/general-requirements in the Proof of Proficiency in English section.

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

Total program credits: 106

The courses outlined below have been developed and sequenced to ensure that students meet the overall program objectives. The following courses must be completed in sequence unless discussed with an advisor.

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 424	(3)	Legal and Ethical Issues: Nursing
NUR1 431	(4)	Community Nursing 1

Winter Term

NUR1 421	(3)	Resources: Special Populations
NUR1 432	(4)	Community Nursing 2
PSYC 204	(3)	Introduction to Psychological Statistics

Summer Term

NUR1 530	(5)	Clinical Internship
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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 four year 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).

6.2.2 Bachelor of Nursing Program (B.N.)

The three year Bachelor of Nursing program is currently under review and may be discontinued. Admission to this program is currently closed. For additional information on this program, please refer to the 2005-2006 Health Science calendar, or contact the School of Nursing.

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

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. 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. The program may be completed in two years if taken full time and four years if taken part time.

6.2.3 B.N. (Integrated Option) Entrance Requirements

Admission from the Nursing DEC 180.A0

Applicants who have completed the Diplôme d'études collégiales (DEC) 180.A0 will be considered for admission to the University segment of the program. Admission will be based on the cote de rendement collégiale (cote r); overall cote r and cote r in prerequisite courses are considered. Applicants who do not meet the minimum requirements may complete three courses from the fourth year of the Integrated Program to be eligible for admission. Please contact the Assistant Director, BN Program for more information.

The courses below must be taken in the sequence outlined unless discussed with the BNI advisor.

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

Required Courses (63 credits)

Year 1

Fall Term

NUR1 219	(1)	Transition to McGill Model
NUR1 319	(3)	Stress & Illness Management
PSYC 215	(3)	Social Psychology
PHGY 209	(3)	Mammalian Physiology 1
CHEM 232	(4)	Organic Chemistry Principles

Winter Term

NUR1 200	(4)	Biology for Illness & Therapy
NUR1 239	(2)	Health & Physical Assessment 2
NUR1 322	(3)	Chronic Illness & Palliative Care
NUR1 324	(2)	Illness Management 2
PHGY 210	(3)	Mammalian Physiology 2

Summer Term

NUR1 325	(2)	Symptom Management
NUR1 331	(4)	Nursing in Illness 1

Year 2

Fall Term

NUR1 328	(3)	Learning and Health Education
NUR1 420	(3)	Primary Health Care
NUR1 422	(3)	Research in Nursing
NUR1 431	(4)	Community Nursing 1
PHAR 300	(3)	Drug Action

Winter Term

NUR1 421	(3)	Resources: Special Populations
NUR1 423	(4)	Community Nursing 2
PATH 300	(3)	Human Disease
PSYC 204	(3)	Introduction to Psychological Statistics

Elective Course (3 credits)

3 credits at the 200 level or above.

6.2.4 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.

6.2.5 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 college diploma. Value: minimum \$500.

GRACE PRESCOTT BURSARY, established in 1990 by Grace Harriet Prescott to assist students pursuing studies in Nursing. Awarded on the basis of academic standing and financial need.

NESSA LECKIE MEMORIAL AWARD, established in 2001 through a generous bequest from Nessa Leckie, B.N. 1961. Awarded by the School of Nursing to an outstanding student enrolled in the Master's program in the School of Nursing whose major area of studies is mental health nursing, who is working or has previously worked in the nursing field in an area relating to mental health and who has demonstrated clinical expertise in this area. Value: minimum \$2,300.

IRMA K. RILEY AWARDS, established through a bequest from Irma K. Riley, Cert. Nurs. 1951. Awarded on the basis of scholarly achievement by the School of Nursing to outstanding non-nurse applicants entering the Qualifying program for a Master's degree in Nursing. Value: minimum \$2,800 each.

In-Course Awards

NURSING ALUMNAE SCHOLARSHIP, several scholarships of approximately \$1,000 each. Awarded annually to undergraduate nursing

students in the second and third year of their program and to students in the graduate program in Nursing. Three of these prizes are named: the Marion Lindeburgh Scholarship, the Irma Riley Award, and the Agnes Boisse Award. Application is made at the School early in the fall term.

BLANDY PRIZE, established in 2003 by the late June Blandy, B.N. (1971) to recognize academic excellence. Value: \$50.

CLIFFORD C.F. WONG SCHOLARSHIP, established in 1989 by the late Clifford C.F. Wong, B.Arch. (1960) to recognize distinguished academic standing. Awarded by the School to a continuing student having completed at least one year in the Bachelor of Science in Nursing Program. Value: \$1,500.

Note: The School of Nursing also awards Book Prizes and Canadian Journal of Nursing Research (CJNR) Prizes. Students are encouraged to inquire with the School of Nursing for additional fellowships and scholarships available within the current academic year.

Prizes awarded at Convocation

BARBARA ANN ALTSHULER PRIZE IN NURSING Established in 2006 by David Altshuler and the Altshuler family, in honour of his mother, Barbara Altshuler, D.I.P., P.Th. (1958). Awarded by the School of Nursing to an undergraduate nursing student on the basis of clinical and academic achievement.

Estimated Value: \$1,000

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 student for excellence and high academic standing. Value: \$150.

A complete list of scholarships, bursaries, prizes and awards, and the regulations governing the various loan funds are given in the *Undergraduate Scholarships and Awards Calendar* and in the Graduate Fellowships and Awards section of the *Graduate and Postdoctoral Studies Calendar*. Both are available on the Web at www.mcgill.ca/courses.

Candidates for the Graduate Program are advised to begin applications for such awards as early as possible in order to complete the process prior to entry into the program.

6.3 Registration and Regulations

Please read [section 2, "General University Information and Regulations"](#).

Students admitted to the B.Sc.(N.) and B.N. programs are advised to refer to the *Welcome to McGill* booklet for information on Discover McGill activities.

New undergraduate nursing students may obtain information related to registration and/or academic advising on the Web at www.mcgill.ca/student-records. Official registration through Minerva must be completed by the Orientation Session in August. Students registering late for reasons unrelated to the admission procedure are subject to the late payment fee.

Returning students are responsible for ensuring that registration is complete as per university timetables.

Registration for returning students will not close down during the opening dates of June 15 to August 3rd. However, the deadline

for returning students to register without a late fee will be August 1st, 2006.

Registration information for students in the Graduate Program will be provided by the School directly to the applicant.

Degree Evaluation

Students are responsible for ensuring that they are taking the required courses as set out in their program of study to meet the degree requirements. Students can check their degree requirements at www.mcgill.ca/minerva-students/records/degree.

Course Requirements

Students are informed at the beginning of any course of the course objectives and requirements as well as the methods of evaluation and the contribution of each method of evaluation to the final grade in the course. Students will not be permitted to write an examination in any course unless they have fulfilled the requirements of the course, including attendance.

Vaccination/Immunization Requirements

All new students in the School of Nursing must refer to the Vaccination Requirements outlined in the General University Information [section 2.1.9, "Vaccination/Immunization Requirements"](#). A copy of the immunization form outlining requirements can be found at www.mcgill.ca/studenthealth/immunization. Annual flu vaccination is strongly recommended. Entry into the McGill University Teaching Hospital Network is dependent on having met the immunization requirements. U1 B.Sc.(N.) and B.N.(I.) students must have immunizations complete (or in process for Hepatitis B) by December 31 of their first year of studies.

Mask Fitting Requirements

Prior to commencing NUR1 233, and NUR1 331 in the summer, all U1 B.Sc.(N.) students and all B.N.(I.) students must be "mask fitted" by Student Health Services to protect against airborne transmissible infections to which they may be exposed in the hospital setting.

CPR and First Aid Requirements

Valid First Aid and CPR Certification (level C) is required no later than January 30th of the first year of the B.Sc.(N.) and BNI program. This Certification must be maintained throughout the program of study.

Achievement Builders - Student Services

Any student who is experiencing difficulty in meeting course requirements should take advantage of the Achievement Builders Program offered through Student Services. Information is available at www.mcgill.ca/firstyear/achievementbuilders.

Clinical Courses

- Students are expected to demonstrate professional behaviour at all times. The Code of Ethics for Nurses and the McGill University Code of Student Conduct (as outlined in the Handbook Student Rights and Responsibilities) provide guidelines. Accountability and professionalism are evaluated throughout clinical courses.
- Professional behavior is expected in relation to classmates, teachers, patients, the interprofessional team, and the institutions within which studies take place.
- Students must be registered with the profession (see [section 6.3.1, "Registration with the Profession"](#)) before they can have access to clinical placements. A student who has not completed the registration procedure cannot commence clinical studies.
- Students must have met the vaccination/immunization requirements prior to commencing clinical studies.
- In any formal documentation, such as in the patient's chart, students must identify themselves as a McGill Nursing Student with the respective year of study noted.
- Name badges indicating affiliation with McGill University and the program of study must be worn at all times in clinical

studies (these are ordered in the fall semester of the first year of studies).

- Attendance in clinical courses is mandatory and absences must be communicated to the instructor. Students with repeat absences may be asked to defer clinical studies if progress in the clinical course is compromised.
- Students whose pattern of performance in clinical studies are not meeting expectations relative to the course objectives will be informed in writing so that a learning plan can be developed. Students whose performance is well below expectations or deemed to be incompetent or unsafe in clinical studies can be required to withdraw from the course at any time - in this case the student will receive a grade of WF or F.
- Students are required to comply with the uniform policy during clinical placements. Details are given at registration or shortly thereafter.
- Students are required to purchase a stethoscope and other physical-assessment equipment required within specific courses.
- An effort is made to place students within reasonable traveling distance for clinical studies but this **cannot be guaranteed**. Therefore, each student must budget a sum of money to travel to and from a clinical agency during their clinical course experiences.
- Special requests for specific location or hours of clinical study cannot be accommodated.
- The sequence of clinical courses may vary with the availability of clinical placement facilities.
- Clinical courses that are offered during the Summer session generally require that students study during the day time, evening and weekends.
- Students requesting clinical placements outside the McGill University Teaching Hospital Network or on Specialized Units (i.e., Intensive Care), must be in Satisfactory Standing in their program as well as have a CGPA of at least 3.0. Certain placements may require a higher CGPA. Placement decisions may also take into account the strength and completeness of the proposal for placement, the level of autonomy and accountability of the student, the pattern of the student's progress in the program, and interviews.

BN students currently enrolled, other than those in the Integrated Program, must inform the Clinical Placement Coordinator of their preferences by the end of February for the following September. Students must indicate if they plan to do **one** or **both** community stages.

Criminal Reference Check: Clinical agencies may require students entering their facility to undergo a Criminal Reference Check prior to being granted permission to enter their facility. Inability of the student to gain access to clinical study settings can preclude their ability to meet the clinical course requirements within their program of study.

Regulations Concerning Final Examinations

See [section 2.6.1, "Examinations – General Information"](#).

Leave of Absence

Exceptionally, students may require a Leave of Absence for personal illness or for compassionate reasons. Students must receive permission from the Student Standing and Promotions Committee for any leave of absence. These are granted on the basis of illness (supporting documents must be provided) and for compassionate reasons (supporting documentation may be required). Any request for a leave of absence must be directed to the Student Standing and Promotions Committee. Generally students are granted no more than one leave of absence during the program of study. A student returning from a LOA due to illness must provide supporting documentation indicating that the student is able to resume studies.

Withdrawal

Permission must be obtained from the Program Director prior to withdrawing from a required course. Students considering

withdrawal from the Program are advised to discuss their situation with the Director of their program prior to making a final decision.

Deadlines are noted in [section 1, "Calendar of Dates 2006-07"](#) if any, and will be in accordance with [section 2.4.8, "Fees and Withdrawal from the University"](#).

6.3.1 Registration with the Profession

All students enrolled in a Nursing program must be registered with the Order of Nurses of Quebec in order to have access to the clinical field. Registration information is provided in the Fall Semester. All Nursing students must adhere to the Code of Ethics of Nurses as outlined in the Professional Code R.S.Q., c. C-26, s. 87; 2001, c. 78, s. 6.

Note: Registration of a student in Nursing may be revoked by the Bureau for expulsion from a teaching establishment, for unacceptable conduct in the clinical milieu, criminal convictions, drug addiction, alcoholism, troubles of a physical or psychological nature incompatible with the practice of nursing, and for any other act derogatory to the dignity of the profession as outlined in the Professional code R.R.Q., 1981, c. I-8, r. 6, s. 2.01.

6.3.2 Academic Integrity

In submitting work in their courses, students must understand the meaning and consequences of plagiarism and cheating; these are considered to be extremely serious academic offences.

Students who have any doubt as to what might be considered plagiarism in preparing an essay or term paper should consult the instructor of the course to obtain appropriate guidelines. Students should also consult the academic integrity Website at www.mcgill.ca/integrity.

The possession or use of unauthorized materials in any test or examination constitutes cheating. Responses on multiple-choice examinations are normally checked by the exam security computer monitoring program. The program detects pairs of students with unusually similar answer patterns on multiple choice exams. Data generated by the exam security computer monitoring program can be used as admissible evidence either to initiate or corroborate an investigation or a charge of cheating under Section 16 of the Code of Student Conduct and Disciplinary Procedures.

The Code of Student Conduct and Disciplinary Procedures includes sections on plagiarism and cheating. The Code is included in the *Handbook of Student Rights and Responsibilities*, which is available at www.mcgill.ca/secretariat/handbooks/student.

6.3.3 Academic Standing and Evaluation System

Academic matters are the jurisdiction of the Student Standing and Promotions Committee. This committee is composed of faculty and student representation and meets at least three times a year to review the performance of all students in the School of Nursing.

The committee reviews the student record, professional conduct, and general performance and makes decisions on all matters relating to standing, promotion and graduation. The committee also receives and determines responses to requests for leave of absence, grants or denies permission to write deferred and/or supplemental examinations (in nursing and non-nursing courses), assesses that students have fulfilled the "Registration with the Profession" requirements of the Order of Nurses of Quebec, assesses that students have fulfilled the "Vaccination/Immunization" requirements of the Faculty of Medicine, receives requests for reassessments and re-reads in examinations, and receives inquiries and/or complaints related to student conduct issues (as per McGill Handbook of Student Rights and Responsibilities, and/or Professional Code of Ethics of Nurses). The Committee refers any disciplinary issues to the Associate Dean and Director of the School of Nursing.

GRADING

A student is allowed to write a final examination in a course only after the course requirements have been fulfilled. Courses can be graded either by letter grades or in percentages, but the official grade in each course is the letter grade.

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

* designated a failure.

For students in the B.Sc.(N.) and B.N. programs, a passing grade in all courses is a C. In the Master's program the passing grade is B-.

Letter grades are assigned grade points according to the table shown above. A student's academic standing will be determined on the basis of a grade point average (GPA), which is calculated by dividing the sum of the course credit times the grade points by the total course GPA credits.

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

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

Standing will be determined on the basis of a grade point average (GPA) computed by dividing the sum of the grade points accumulated during the year by the total course credits attempted.

The term grade point average (TGPA) will be the GPA for a given term calculated using all the applicable courses at the same level in that term. Cumulative grade point average (CGPA) will be the grade point average calculated using the student's entire record in the program. If courses are repeated, all results are included in the GPA calculations. Therefore, grades of D or F continue to be used in the CGPA calculation even after the course is repeated or if a supplemental examination is taken. A failed course will continue to be used in the calculation of the CGPA even after the course is repeated and passed, or if a supplemental examination is taken.

OTHER LETTER GRADES

IP – **In Progress.** (Master's Thesis Courses Only)

P – **Pass.** Pass/Fail grading is restricted to certain seminars and examinations only. In such cases all grades in these courses are recorded as either Pass or Fail. Not included in GPA calculations.

HH – **To be continued.** The use of this grade is reserved for major research projects, monographs and comprehensive examinations as designated for graduate studies.

J – **Absent:** to be recorded for the student who did not write the final examination and had not been granted deferred status, or who did not complete an essential part of the course requirements without a valid reason. This is a failure and is calculated in the TGPA and CGPA as a failure. (Students may appeal the assignment of the grade of J, but circumstances such as appearing at the incorrect time for an examination would not be sufficient reason for this grade to be replaced by a deferral. Students who have earned sufficient marks to pass the course even though the final examination is not written, may opt to have their grade based on the record to date.)

K – **Incomplete:** deadline extended for submission of work in a course or for the completion of a program requirement such as a Ph.D. language examination (maximum four months). (Need a K contract signed.)

KF – **Incomplete/failed:** failed to meet the extended deadline for submission of work in a course or for the completion of a program requirement. This is a failure and is calculated in the TGPA and CGPA as a failure.

KK – **Completion requirement waived.** This is used in exceptional cases only, with the approval of the Director of the Graduate and Postdoctoral Studies Office.

KE or K* – **Further extension** granted with the approval of the Director of the Graduate and Postdoctoral Studies Office (maximum two years.) (Need a K contract signed.)

L – **Deferred:** for students whose final examinations or papers have been deferred, for reasons such as illness, at the time of the examination. The "L" grade must be cleared as soon as possible (maximum four months).

A medical certificate or appropriate document must be submitted to the Chair of the Student Standing and Promotions Committee of the School of Nursing **before or within three working days following** the scheduled examination. In particular, such recommendations will not be considered if medical reasons are brought forth after a grade is assigned.

– By commencing to write any examination, the student waives the right to plead medical causes for deferral or permission to write a supplemental examination, unless the medical problem occurs in the course of the examination and is documented by examination authorities.

LE or L* – **Further deferral:** permitted to defer examination for more than the normal period.

NA or && – **Grade not yet available.**

NR – **No grade reported** by the instructor (recorded by the Registrar).

Q – Course continued in next term.

Satisfactory/Unsatisfactory – Not used for graduate students.

W – **Withdrew with approval.** A course dropped, with permission, after the change of course period. Not included in GPA calculations.

WF – **Withdrew failing:** a course dropped, with special permission in exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an F; not included in GPA calculations.

WL – Withdraw from a deferred examination (approved by GPSO).

W-- or -- – **No grade.** Student withdrew from the University.

Courses Taken Under the Satisfactory/Unsatisfactory Option

In certain instances, students may designate elective courses to be graded under the Satisfactory/Unsatisfactory option. Only one course (3 credits) per term, to a maximum of 10% of a student's credits taken at McGill to fulfil the degree requirements, may be taken in this way. Grades will be reported in the normal fashion by the instructor and those of A through C will be converted to "Satisfactory" (S), and grades of D and F will become "Unsatisfactory" (U). The decision to have an elective course graded as Satisfactory/Unsatisfactory must be made by the student before the end of the Drop/Add period, and no change can be made thereafter. The courses taken under the Satisfactory/Unsatisfactory option will be excluded from the grade point average calculations, but they will be included in the number of credits attempted and completed.

The Satisfactory/Unsatisfactory option is **not** available for Required or Complementary Courses.

Note: As this option has very limited application in the School of Nursing, students considering it should seek guidance from the faculty advisor. To be considered for in-course awards and/or the renewal of entrance scholarships, students must complete at least 27 graded credits in the regular academic session exclusive of courses completed under the Satisfactory/Unsatisfactory option.

STANDING IN THE UNDERGRADUATE PROGRAMS

The Student Standing and Promotions Committee determines the students' standing within the program of study.

Satisfactory Standing:

The student who has a Cumulative GPA of 2.0 and above, has received **no more than two** failures in the non-nursing courses of the program, has a Term GPA of 2.0 and above in each semester of the U2 and U3 B.Sc.N program, and failed no more than four

credits in non-clinical nursing courses is considered in satisfactory standing. Freshman (U0) students who have a CGPA of 2.0 or above and have received no more than 2 failures in the U0 year are in satisfactory standing. Full-time students in satisfactory standing take between 12 and 18 credits per term.

Probationary Standing:

- Any student with a Cumulative GPA between 1.5 - 2.0 or who has not met the criteria of Satisfactory Standing and who has been allowed to continue the program or repeat a year of the program is on probationary standing.
- Any student who has exceeded the number of allowable supplemental examinations and has been given permission to stay in the program is on probationary standing.
- Any student who receives a grade of "C" and/or "C+" in two sequential clinical Nursing courses.

A student in probationary standing must return to satisfactory standing at the end of the next academic year by completing the requirements set out by the Student Standing and Promotions Committee and obtaining a term GPA of 2.5 and a Cumulative GPA of 2.0 and above.

Students in probationary standing must carry a reduced load (maximum 14 credits per term) and follow the conditions set out in their letter. They must see their academic adviser to discuss course selection.

Unsatisfactory Standing:

Any student who has a CGPA **below** 2.0, a term GPA below 1.5 (or < 2.0 for U2 and 3 B.Sc.(N.) students), a "D" or "F" in **more** than two non-nursing courses in the program **or** a "D" or "F" in more than four credits of nursing **or** has failed a clinical nursing course or who has failed a repeated professional course (NUR1) or required non-nursing course, is in unsatisfactory standing. Any U0 student who has obtained a "D" or an "F" in more than two courses **or** has a CGPA below 2.0 is in unsatisfactory standing.

*Any student whose clinical performance is unsafe, and/or who has demonstrated unprofessional behaviour in class or clinical placements, and/or has violated the Code of Ethics for Nurses, and/or has violated the McGill University Code of Student Conduct (as outlined in the Handbook Students rights and responsibilities) and/or has engaged in criminal activity can be placed in Probationary or Unsatisfactory standing.

Note: Only under **very** exceptional circumstances will a student be allowed to repeat a clinical nursing course. Permission for the exception can only be granted by the Student Standing and Promotions Committee.

STANDING IN THE GRADUATE PROGRAM

Regulations regarding standing fall under the Graduate and Postdoctoral Studies Office. These regulations also apply to students in the Qualifying Year of the Master's program. The regulations state that:

"The candidate is required to pass, with a mark of B- or better, all those courses which have been designated by the department as forming a part of the program. These are the courses which have been entered on the registration form."

"Students who have failed one course (non-nursing) in their program of study may write one supplemental examination if the departmental policy permits or retake the course or substitute an equivalent course. A student with any further failures in that course, or a failure in any other courses, will be required to withdraw from their program of study."

(Policies in Graduate and Postdoctoral Studies Office)

A student who has failed in any course required for the degree and has not received permission to attempt a supplemental examination from the School of Nursing Student Standing and Promotions Committee will be required to withdraw.

Only under very special circumstances will a student be allowed to write a supplemental examination in a nursing course. Permission for that exception is granted by the School of Nursing Student Standing and Promotions Committee.

A student must obtain a "satisfactory" standing in his/her clinical evaluation to pass a clinical nursing course. Failure in a clinical course puts the student in **unsatisfactory standing** in the

program. This results in a student being asked to withdraw from the program.

EXAMINATIONS

Supplemental Examinations

Students in either the B.Sc.(N.) or B.N. program who have failed in required examinations are permitted to write supplemental examinations only on the recommendation of the Student Standing and Promotions Committee.

Only under very special circumstances will a student be permitted to write more than two supplemental examinations throughout the program.

Students in the Baccalaureate programs must have a CGPA of 2.0 or above in first year and 2.3 in subsequent years to be eligible for consideration for supplemental examinations.

Deferred Examinations

An examination may be "deferred" for reasons such as illness or family crisis **only** by permission of the Chair of the Student Standing and Promotions Committee. This verification (generally a medical certificate or appropriate document) must be supplied **before or within three working days following the scheduled examination.**

Note: This stipulation refers to any course taken in the program of study, i.e., nursing and non-nursing courses.

Reassessments and Re-reads

Papers and examinations are marked and grades calculated and handled with considerable care. However, if a student wishes the calculation of marks checked (reassessment) or a formal final examination re-read, whether in a nursing course or in other university courses, he/she should initially contact the course Coordinator. Depending on the outcome, the student may apply in writing to the Student Standing and Promotions Committee with reasons for the request.

Procedures Governing Reassessment/Re-Reads

Reassessment is done free of charge. Computer marked examinations can be reassessed but not re-read. There is a fee for the **re-read** of a final examination or paper. Visit www.mcgill.ca/student-accounts/fees/adminfees for details. From this process the final mark for the course can be raised **or** lowered depending on the result.

Application Deadlines:

- March 31 for courses ending in the fall term
- July 31 for courses ending in the winter term
- August 31 for courses ending in May

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

The student makes a written appeal to the Student Standing and Promotions Committee stating the reason for the appeal. For information on Appeal procedures in clinical courses please contact the Chair of the Student Standing and Promotions Committee. Appeals of Student Standing and Promotions Committee decisions are first made to the committee. Further appeal of Student Standing and Promotions Committee decisions is then directed to the Associate Dean and Director of the School of Nursing.

6.3.4 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, Quebec 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 for graduates planning to work in Quebec; *graduates from the School of Nursing who completed high school before 1986 from an English Quebec high school or from an English high school outside of Quebec, MUST pass a French Language Proficiency Licensure Examination administered by the Office Québécois de la Langue Française, in accordance with Article 35 of the Charter of the French Language.* Students who obtained their Quebec high school diplomas after 1986 or who studied at least three years full time in French at the secondary or post-secondary level are **not required** to write the French language examination. Information about the examination can be obtained at www.oqf.gouv.qc.ca.

Students are eligible to write the French Language Proficiency test in the last two years preceding completion of their degree in Nursing.

For students wishing to be licensed in provinces outside Quebec or in other countries, consult the licensing body of that site. Generally, licensure is required in the jurisdiction in which the nursing program is completed. Once this has been received, reciprocal arrangements for licensure in other jurisdictions may be made. Graduates may have to write more than one licensure examination. Therefore, it is recommended that graduates contact the jurisdiction in which they plan to practice nursing early in the program. Currently, the College of Nurses of Ontario and the Ordre des infirmières et infirmiers du Québec mutually recognize their respective licensing examinations. As these agreements can change from year to year, students are encouraged to contact the licensing body directly.

International students are strongly urged to contact the licensing body of the country in which they intend to practice as early as possible in order to have complete information on the requirements for licence.

6.4 Undergraduate 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.

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

Note: Registration for the two following courses should be done as early as possible, i.e. by mid-November to insure a seat in the class. It is important to note that we reserve some seats for students who need this courses in their final year at McGill and for some other categories. Students who did not register early enough must complete the Minerva form located at the following website and fax it to the School of Nursing at 514-398-8455 as soon as possible. <http://upload.mcgill.ca/minerva-students/Minerform.pdf>. They must also indicate the reason for requesting a seat. All requests must be processed by the Nursing UG Student Affairs Coordinator - E-mail address: celine.arseneault@mcgill.ca.

HSEL 308 ISSUES IN WOMEN'S HEALTH. (3) (Fall) (Prerequisite: Introductory Psychology or Sociology or permission of the instructor) (Complementary course for the Women's Studies and Social Studies of Medicine Concentrations) Exploration of a wide range of topics on the health of women. Topics include use of health care

system, poverty, roles, immigration, body image, lesbian health, and violence against women. Additional topics vary by year. A Health Science elective open to students in the Faculties of Arts, Science, and Medicine.

HSEL 309 WOMEN'S REPRODUCTIVE HEALTH. (3) (Winter) (Prerequisite: Introductory Psychology or Sociology or permission of the instructor) (Restriction: not open for credit to students who have taken HSEL 308 prior to September 1997) (Complementary course for the Women's Studies and Social Studies of Medicine Concentrations) Concepts of health and medicalization. Canadian and international perspectives. Topics include contraception, abortion, infertility, menstruation, menopause, new reproductive technologies, prenatal care, childbirth. Additional topics vary by year. A Health Science elective open to students in the Faculties of Arts, Science, and Medicine.

NUR1 200 BIOLOGY FOR ILLNESS & THERAPY. (4) (Prerequisite: CHEM 212 or CHEM 232 or equivalent.) A biological base for pharmacology and pathology. Topics include: cell types, structure and function. Movement across cell membranes, cell movement, transportation, and intercellular communication. Cell life-cycle, normal, abnormal cell growth, repair, and death. Cell metabolism, energy production, storage, release, vitamins, enzymes, DNA structure, nucleic acid replication, transcription and translation.

NUR1 219 TRANSITION TO THE MCGILL MODEL. (1) This course introduces students to the McGill Model of Nursing.

NUR1 220 THERAPEUTIC RELATIONSHIPS. (3) (3) (Prerequisite or Corequisite: NUR1 222.) The course introduces the principles, theories, and basic skills of a collaborative relationship with individuals and families. Students will learn about the phases of the relationship (i.e., engagement, working, and termination) and the clinical skills involved in establishing, maintaining, and terminating a relationship in promoting health.

NUR1 221 FAMILIES AND HEALTH BEHAVIOUR. (3) This course introduces theoretical perspectives of family, and the role of the family in health and illness. Characteristics of healthy families, family environments that promote health, family influences on health practices, and family roles during illness are examined. Students will be introduced to family assessment tools and nursing research.

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 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 FAMILY DEVELOPMENT. (3) (Prerequisites or corequisites: NUR1 220, NUR1 221, NUR1 222, NUR1 223.) This clinical course focuses on identifying indicators of healthy development in individuals and families during two phases of development, the birth of a baby and the young preschooler. Students will develop skill in the assessment of these individuals and families and explore nursing approaches that promote their health.

NUR1 234 NURSING ELDERLY FAMILIES. (3) (Prerequisites or corequisites: NUR1 220 and NUR1 222.) A clinical course providing basic knowledge and skills in promoting and maintaining

biological, psychological, and social processes of health in the aged. Students will acquire skill in gerontological nursing assessment and intervention with the elderly living in the community.

NUR1 235 HEALTH AND PHYSICAL ASSESSMENT. (4) This course will develop basic knowledge and skills required to do a health history and to carry out basic physical assessment in infants, children, and adults.

NUR1 239 HEALTH & PHYSICAL ASSESSMENT 2.(2) (Prerequisite or corequisite: PHGY 210.) (College introduction to health and physical assessment.) An integrated approach to physical assessment and a comprehensive health assessment for the purpose of primary care screening and triage.

NUR1 266 HEALTH ASSESSMENT IN EMERGENCY. (3) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Basic and emergency health and physical assessment of children, adults and the elderly.

NUR1 319 STRESS & ILLNESS MANAGEMENT. (3) (Corequisites: NUR1 219, PHGY 201.) The psychological, behavioural and biological responses to stress and acute illness and the interrelationship between personal and contextual resources in determining health outcomes.

NUR1 321 ACUTE STRESSORS AND COPING. (2) Physiological, psychological, and social perspectives are used to examine stress associated with illness, injury, and developmental events. Theories of stress and coping are examined; research findings highlighting the links between stressors, coping responses and health outcomes in individuals and families are reviewed.

NUR1 322 CHRONIC ILLNESS AND PALLIATIVE CARE.(3) (Prerequisite: NUR1 331 or NUR1 319.) The biological, psychological and social factors which influence living with chronic illness are examined. Empirical findings linking different chronic stressors to coping responses and to health outcomes are reviewed. Issues in palliative care, the care of the dying, and the nature of bereavement are reviewed.

NUR1 323 ILLNESS MANAGEMENT 1.(3) (Corequisite: NUR1 331.) The focus of this course is the medical, surgical and nursing management of the major illnesses in adults and children. Topics will include diagnostic tests, drug therapies, dietary management, exercise, relaxation techniques, pain management approaches, patient education, and strategies for maintaining physical and emotional well-being.

NUR1 324 ILLNESS MANAGEMENT 2. (2) (Prerequisite: NUR1 323 or NUR1 319.) (Note: Continuation of NUR1 323.) This course will focus on the medical, surgical and nursing and nursing management of the major illnesses in adults and children. Topics will include diagnostic tests, drug therapies, dietary management, exercise, relaxation techniques, pain management approaches, patient education, and strategies for maintaining physical health and emotional well-being.

NUR1 325 SYMPTOM MANAGEMENT.(2) (Prerequisite: NUR1 324.) This course focuses on recognizing when symptoms require referral for medical treatment and when they can be managed safely at home. Approaches to illness-related symptoms and minor medical problems including diarrhea, fever, dysmenorrhea, anorexia, cellulitis, infections, common cold, ear infections, urinary tract infections, minor injuries, headaches, pain, rashes are presented.

NUR1 328 LEARNING AND HEALTH EDUCATION. (3) This course examines how cognitive, behaviorist, and social learning theories may be used to enhance individual and family health behaviors, coping and development. Topics include: learning theories; principles of teaching and learning, support groups, issues around clients' use of information technology for health information.

NUR1 331 NURSING IN ILLNESS 1. (4) (Prerequisite: NUR1 235; Pre-/co-requisite: NUR1 321, NUR1 323 or permission of the instructor.) This clinical course integrates knowledge of normal physiological and psychological processes, disease and illness management in the assessment and care of the acutely ill. Students will develop interventions that conserve patient energy,

alleviate physical and emotional pain, promote healing, and help families cope and deal with the health care system.

NUR1 332 NURSING IN ILLNESS 2. (4) (Pre-/co-requisite: NUR1 235, NUR1 322, NUR1 331 or permission of the instructor.) This clinical course integrates knowledge related to individuals and families coping with acute, chronic and terminal illnesses, and illness management in nursing practice. Assessment skills will focus on changes in physiological functioning, emotions, behavior, and family processes.

NUR1 333 NURSING IN ILLNESS 3. (4) (Prerequisite: NUR1 332) Focus is on the integration of knowledge and skills acquired over the first two years of the program. Students and faculty will jointly determine the student's clinical placement on the basis of the student's learning needs and their previous clinical experiences.

NUR1 349 EMERGENCY CLINICAL INTEGRATION. (3) (Prerequisite: NUR1 266 or permission of the instructor; NUR1 367 and NUR1 368.) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Clinical integration of the theory, knowledge, and experiences relevant to emergency nursing.

NUR1 367 EMERGENCY NURSING DYNAMICS 1. (3) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Analysis of and responses to adult and paediatric emergency situations involving the respiratory, cardiovascular, and neurological systems and shock/trauma.

NUR1 368 EMERGENCY NURSING DYNAMICS 2. (3) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Analysis of and responses to paediatric and adult emergency situations in oncology, obstetrics/gynaecology, endocrine disorders, pain management, psychiatric and social problems.

NUR1 420 PRIMARY HEALTH CARE.(3) (Corequisite: NUR1 431.) Principles of accessibility, public participation, intersectorial and interdisciplinary collaboration, appropriate technology, and health promotion and illness prevention are discussed in relation to the planning and delivery of local, regional, and international health delivery systems. Topics include the infrastructure that supports health, and socio-economic, political and cultural contexts of health.

NUR1 421 RESOURCES: SPECIAL POPULATIONS.(3) (Prerequisite: NUR1 420, NUR1 431.) (Corequisite: NUR1 432.) The concept of social support is explored and links between social networks and health are examined. Groups at health risk including the homeless, poor, and new immigrants are identified. Types and functions of community groups available as social resources for these groups will be discussed.

NUR1 422 RESEARCH IN NURSING.(3) This course explores the knowledge required to understand the relationship between research endeavours and the development of the practice or nursing. Content includes: the processes of transforming clinical data into nursing research questions; critical analysis of research studies; and an evaluation of feasibility and applicability of research findings.

NUR1 424 LEGAL AND ETHICAL ISSUES: NURSING.(3) (Prerequisite: NUR1 333.) This course covers ethical and legal aspects related to caring for patients and their families, and principles in ethical decision-making. Issues of professional accountability, liability, and advocacy are addressed in such contexts as withholding treatment, organ harvesting, abortion, involuntary commitment, etc.

NUR1 431 COMMUNITY NURSING 1.(4) (Prerequisite: NUR1 331 for BN Integrated students; NUR1 333 for B.Sc. (N) students.) (Corequisite: NUR1 420.) In this clinical course students will apply their knowledge and increase their skills in assisting families and special groups in the community to deal more effectively with normal developmental events, on going social problems and illness or other crisis events.

NUR1 432 COMMUNITY NURSING 2.(4) (Prerequisite: NUR1 431, NUR1 328.) (Corequisite: NUR1 421.) In this clinical course students will apply their knowledge and increase their skills in assisting families and special groups in the community to deal more effectively with normal developmental events, on going social problems and illness or other crisis events.

NUR1 530 CLINICAL INTERNSHIP.(5) (Prerequisite: NUR1 432.) (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.

6.4.1 Note to all Students

It is expected that students will attend Nursing Explorations Series. A student fee applies. See also [section 6.3, "Registration and Regulations"](#).

6.5 Graduate Programs

6.5.1 Programs Offered

Graduate Diploma in Nursing

The graduate diploma in nursing prepares students with completed graduate studies in the discipline and experience in a specialty area to assume new roles as nurse practitioners. The program of study focuses on the acquisition of advanced level knowledge from the biomedical sciences and application of knowledge in the context of the nurse practitioner role. Graduate diplomas are offered in selected specialty areas only.

Master's Program: Master of Science (Applied)

The objective of this program is to prepare specialists in nursing able to participate in the development, implementation and management of services in all domains of health care. Opportunity is provided for the advanced clinical study of nursing, and for incorporating research and evaluation methods in the investigation of nursing problems.

Students entering the Master's program may select between two areas of study. The clinical stream is intended to prepare students for clinical nurse specialist or nurse practitioner roles in selected area. The adjunct area is available for students wishing to plan an individual program of study in such areas as nursing administration or international health.

Doctoral Studies: Ph.D. in Nursing

The School of Nursing of McGill University and the Faculté des Sciences Infirmières of the Université de Montréal offer a joint doctorate program leading to a Ph.D. in Nursing. This program is offered in English at McGill. A cross-disciplinary option in psychosocial oncology is offered in collaboration with the Department of Psychology at McGill.

The program is designed to train nurse scientists who will make a contribution to the advancement of knowledge in the discipline of nursing and assume a leadership role both in the profession and in the health care system.

6.5.2 Admission Requirements

GRADUATE DIPLOMA IN NURSING

Applicants must hold a Master's degree in Nursing comparable to McGill with a minimum CGPA of 3.2 on a 4.0 scale required. Prior to entry, applicants should have a minimum of 2 years of experience in the United States and in Canada, in the specialty area over the previous 5 years.

MASTER'S PROGRAMS

Our graduate programs offer applicants the possibility of developing a program of study that fits with their career plans. The programs are intended to enable students to assume roles as clinical nurse specialists in a variety of different areas, as neonatal nurse

practitioners, or to tailor their program towards a career in administration or in global health studies.

Nurse applicants to the Master's program may complete their studies on a part-time basis, i.e., minimum of 6 credits per term to a maximum of four years.

All nurse applicants are expected to hold current registration in the province or country from which they come. Nurses who are not licensed in Quebec must obtain a special authorization for graduate nurse students from the Ordre des infirmières et infirmiers du Québec (www.oiq.org).

International nurse applicants are required to have had experience as nurses in their country of origin and in North America (recommended).

B.A./B.Sc. APPLICANTS

Applicants holding a general B.Sc. or B.A., including a number of prerequisite courses, may be admitted to a Qualifying Year. A minimum cumulative CGPA (Grade Point Average) of 3.0 on a scale of 4.0 is required for entry. Upon successful completion of the Qualifying Year, candidates apply to the Master's program. Persons prepared in another professional discipline or in nursing are not eligible for this program.

Direct-Entry applicants must complete their Qualifying Year and the Master's program of study on a full-time basis, i.e., total of three years.

Applicants should make arrangements to obtain C.P.R. (Cardio-Pulmonary Resuscitation) certification prior to entry into the Qualifying year. Applicants will be asked to provide proof of certification once registered in the program.

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), 250 (computer-based), or 100 (Internet-based test, with each component score not less than 20), 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. An introductory statistics course (3 credits) is required. Experience in Nursing is recommended. (Nurse applicants may already have CPR certification; if not they must obtain one prior to entry as well.)

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), 250 (computer-based), or 100 (Internet-based test, with each component score not less than 20)

or the International English Language Testing System (IELTS) with a minimum overall band score of 7.5.

6.5.3 Application Procedures

McGill's online application for graduate program candidates is available at www.mcgill.ca/applying/graduate.

Graduate Diploma in Nursing

See Nursing Web at www.nursing.mcgill.ca for more information on the Application Process.

M.Sc.(A) Program

(Nurse Bachelor entry candidates) (Direct-entry applicants apply to the M.Sc.(A) program online and if admitted these candidates will be entering the Qualifying Year):

- International deadline: March 1, 2006
- Canadian deadline: March 21, 2006

Ph.D. Program

Applicants must provide the following information:

1. An up-to-date C.V.
2. Two official copies of academic transcripts (undergraduate and graduate).
3. Applicants must have been in contact with a faculty member who could serve as a potential supervisor. The faculty member, after reviewing the completed application indicates in writing agreement to supervise.
4. A sample of written scholarly work, preferably in which the applicant is the sole or primary author (25 pages or less). Examples are: A published or unpublished manuscript illustrative of concept analysis, an in-depth literature review in a focused area or a research report (international students whose original scholarly writing is not in English or French should submit a copy of the writing translated into English or French).
5. A statement letter (3-4 pages):
 - a. Why are you pursuing doctoral study in nursing science?
 - b. Why did you specifically select a Ph.D. in nursing science at McGill?
 - c. Please comment on your qualifications and readiness for doctoral study.
 - d. What are your long-term career goals, and how do you see the program contributing to meeting them?
 - e. Briefly describe a problem area in nursing science on which you think you would like to focus.
 - f. List potential thesis supervisor(s) with whom you have had contact
6. Letters of reference from two professors who are familiar with the candidate's academic work and who can comment on his/her research aptitudes.

O.I.I.Q. (Ordre des infirmières and infirmiers du Québec) registration required only if candidate is planning to practice as a nurse in Québec.

- International deadline: March 1, 2006
- Canadian deadline: April 15, 2006

Applications for Winter (January 2007: Online applications open as of March 15, 2006 for Ph.D Program ONLY:

- International deadline: August 1, 2006
- Canadian deadline: September 15, 2006

6.5.4 Program Requirements

Graduate Diploma in Nursing (30 credits)

Required Courses (27 credits)

NUR2 616	(4)	Advanced Clinical Skills
NUR2 628	(4)	Advanced Assessment
NUR2 630	(3)	Clinical Project 1
NUR2 640	(4)	Clinical Reasoning 1

NUR2 641	(4)	Clinical Reasoning 2
NUR2 650	(8)	Practitioner Internship

Complementary Course (3 credits)

3 credits, one of the following courses:

NUR2 644	(3)	Special Topics 1
NUR2 645	(3)	Special Topics 2

MASTER'S PROGRAMS

The general rules concerning higher degrees apply. (See the Graduate and Postdoctoral Studies Office General Information and Regulations.) A minimum of two years of full-time study (or equivalent) is required for the Masters programs.

M.Sc. (Thesis) (50 credits) (not offered 2006-07)

M.Sc. (Applied) Program (48 to 60 credits)

48 credits	- Nurse Bachelor Entry - (Adjunct)
49 credits	- Nurse Bachelor Entry - (Clinical)
53 credits	- Direct-entry - (Clinical)
60 credits	- Nurse Bachelor Entry - (Nurse Practitioner)

Required Courses (All Streams) (30 credits)

NUR2 611D1/D2	(6)	Seminar in Nursing
NUR2 612	(3)	Research Methods in Nursing 1
NUR2 614D1/D2	(6)	Clinical Laboratory - Nursing 1
NUR2 626	(3)	Professional Issues in Nursing
NUR2 630	(3)	Clinical Project 1
NUR2 631	(3)	Clinical Project 2
NUR2 642	(3)	Ethics in Advanced Practice

one 3-credit upper-level statistics course

Complementary Courses (18 to 30 credits)

23 credits	- Direct Entry students (clinical)
19 credits	- Nursing Bachelors Entry students (clinical)
30 credits	- Nursing Bachelors Entry students (Nurse Practitioner)
18 credits	- Nursing Bachelors Entry students (adjunct)

Students should consult with the program advisor regarding the recommended courses for each stream of study. Students take the appropriate number of credits from the following list of courses:

NUR2 615	(3)	Health Care Evaluation
NUR2 616	(4)	Advanced Clinical Skills
NUR2 623	(4)	Clinical Assessment and Therapeutics
NUR2 624	(4)	Clinical Laboratory in Nursing 2
NUR2 627	(3)	Nursing Practicum
NUR2 628	(4)	Advanced Assessment
NUR2 640	(4)	Clinical Reasoning 1
NUR2 641	(4)	Clinical Reasoning 2
NUR2 643	(3)	Role Development
NUR2 644	(3)	Special Topics 1
or NUR2 645	(3)	Special Topics 2
or NUR2 646	(3)	Special Topics 3
or NUR2 647	(3)	Special Topics 4
NUR2 650	(8)	Practitioner Internship

or other graduate level courses in consultation with faculty advisor.

QUALIFYING YEAR (41 credits)

(non-nurse applicants entering with B.A. or B.Sc.)

Fall Term

NUR1 222	(1)	McGill Model of Nursing
NUR2 511D1	(3)	Practice of Nursing Part 1
NUR2 514D1	(5)	Clinical Laboratory in Nursing

2 complementary courses*

Winter Term

NUR1 235	(4)	Health and Physical Assessment
NUR2 511D2	(3)	Practice of Nursing Part 1
NUR2 514D2	(5)	Clinical Laboratory in Nursing

2 complementary courses*

Summer Term

NUR2 512	(8)	Practice and Theory in Nursing
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***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 online 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 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:

Ph.D. Year 2:

NUR2 702 (3) Quantitative Research

NUR2 703 (3) Issues of Measurement

NUR2 730 (3) Theory Development in Nursing

Selected courses (Statistics, complementary or substantive courses)*

Ph.D. Year 3:

NUR2 780 (3) Advanced Nursing

Selected courses (Statistics, complementary or substantive courses)*

NUR2 701 (1) Comprehensive Examination

* A minimum of 3 credits in advanced statistics and substantive courses is planned with the thesis supervisor.

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

Ph.D. in Nursing - Psychosocial Oncology Option/Concentration (PSO)

All doctoral Nursing students registered in the Psychosocial Oncology Option complete the courses listed below. The Ph.D. thesis topic must be germane to psychosocial oncology and approved by the PSO coordinating committee.

Required Courses

NUR2 702 (3) Quantitative Research

NUR2 703 (3) Issues of Measurement

NUR2 730 (3) Theory Development in Nursing

Selected course(s) (Statistics)*

NUR2 780 (3) Advanced Nursing

NUR2 783 (3) Psychosocial Oncology Research

NUR2 705 (3) Palliative Care in Cancer

NUR2 701 (1) Comprehensive Examination

* A minimum of 3 credits in advanced statistics

Complementary Course (3 credits)

One of the following courses:

PSYC 505 (3) The Psychology of Pain

PSYC 507 (3) Emotions, Stress, and Illness

PSYC 754 (3) Health Psychology Seminar 2

SWRK 609 (3) Health and Social Work

SWRK 668 (3) Life-Threatening Illness and Bereavement

6.5.5 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.

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, who are experiencing a variety of common illness-related problems.

NUR2 514D1 (5), NUR2 514D2 (5) CLINICAL LABORATORY IN NURSING. (Students must register for both NUR2 514D1 and NUR2 514D2.) (No credit will be given for this course unless both NUR2 514D1 and NUR2 514D2 are successfully completed in consecutive terms) Learning to nurse through field experiences with individuals and families in the community and in acute care settings. The focus is on the application of knowledge and theory in practice and includes the testing and analysis of nursing approaches. Students work with clients and families experiencing a variety of life events including aging, birth and parenting as well as acute illness and hospitalization.

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 concepts in nursing and health related to individuals and families. An introduction to the study of concepts and theories relevant to nursing.

NUR2 612 RESEARCH METHODS IN NURSING 1. (3) Basic knowledge and skills needed to conduct research. The philosophy and principles of scientific inquiry, research design, sampling, techniques of data collection, ethics, and incorporating research into practice are discussed with emphasis for nursing.

NUR2 614D1 (3), NUR2 614D2 (3) CLINICAL LABORATORY - NURSING 1. (Students must register for both NUR2 614D1 and NUR2 614D2) (No credit will be given for this course unless both NUR2 614D1 and NUR2 614D2 are successfully completed in consecutive terms) Field experience in nursing to test and develop concepts critical to the health of individuals and families. The examination of theories relevant to nursing practice in the clinical field.

NUR2 615 HEALTH CARE EVALUATION. (3) An evaluation of educational and health care systems with particular reference to the nursing input in problems of health, health care and health care delivery. Evaluative research includes qualitative and quantitative approaches to assessing health status and quality of care.

NUR2 616 ADVANCED CLINICAL SKILLS. (4) Supervised clinical experiences in health care agencies are aimed at developing competence in technical and family nursing skills at an advanced level. Experience is determined on an individual basis according to learning needs and the student's area of interest.

NUR2 620 CURRENT THEORIES OF NURSING. (2) (Prerequisites: NUR2 611, NUR2 614 or equivalent) Current theories of nursing e.g. Orem, Roy, King, Rogers are examined along with their implications for practice, curriculum, administration, and research. The internal and external adequacy of these theories will be evaluated using selected schema. Critical analysis of issues and problems of theories in a practice discipline will be undertaken.

NUR2 621D1 (3), NUR2 621D2 (3) SEMINAR IN NURSING 2. (Students must register for both NUR2 621D1 and NUR2 621D2) (No credit will be given for this course unless both NUR2 621D1 and NUR2 621D2 are successfully completed in consecutive terms) An opportunity for investigation of some of the critical problems in nursing as related to the student's area of inquiry. Particular emphasis is placed on theory development in nursing.

NUR2 623 CLINICAL ASSESSMENT AND THERAPEUTICS. (3) (Prerequisites: PATH 300; PHGY 201, PHGY 202 or equivalent.) Development of skills in the medical-nursing assessment and management of patients and families dealing with chronic and life-threatening illnesses. Includes instruction in history-taking and physical assessment.

NUR2 624 CLINICAL LABORATORY IN NURSING 2. (4) Field experience in nursing, incorporating extensive assessment, experimentation and evaluation of differing nursing approaches.

NUR2 625 CLINICAL LABORATORY IN NURSING 3. (6) Field experience in nursing, incorporating extensive assessment, experimentation and evaluation of differing nursing approaches.

NUR2 626 PROFESSIONAL ISSUES IN NURSING. (3) An examination of theories of learning and organizational behaviour as related to the preparation of nurses for the delivery of health care services. Implications of these theories for the assessment, development, and evaluation of nursing programs will be investigated.

NUR2 627 NURSING PRACTICUM. (3) Research, administrative or teaching projects in nursing are defined by interested faculty and developed with students. The goal is to promote and enhance scholarly activity and productivity. At completion, there should be some final product such as a manuscript, a data collection system set-up, or the synthesis of pilot data.

NUR2 628 ADVANCED ASSESSMENT. (4) (Prerequisite: NUR1 235 or permission of instructor.) Development of advanced skills in health assessment and physical examination of clients across the life span, including diagnostic tests and interventions, documentation and follow-up.

NUR2 630 CLINICAL PROJECT 1. (3) Identification of a clinical problem and development of a project to test or implement best-practice approaches.

NUR2 631 CLINICAL PROJECT 2. (3) (Prerequisite: NUR2 630.) Implementation of a project plan related to best practice approaches in health care delivery.

NUR2 635 PAIN MEASUREMENT IN CHILDREN. (3) (Prerequisite: Graduate-level course in inferential statistics and graduate or undergraduate course in child development, or permission of the

instructor.) (Restriction: Health Sciences or Psychology graduate students or permission of the instructor.) Research issues surrounding the measurement of pain throughout childhood. Topics include measurement theory, theoretical and conceptual definitions of pain in children, scale construction, format and scaling issues, reliability, validity, clinical utility, developmental considerations, self-report formats, observational formats, physiological indicators of pain.

NUR2 640 CLINICAL REASONING 1. (4) (Prerequisites: PHGY 201, PHGY 202 or PHGY 209, PHGY 210; PATH 300; PHAR 300; or permission of instructor.) Advanced patho-physiology of diseases across the lifespan, decision-making, and interventions for advanced practice related to illness management.

NUR2 641 CLINICAL REASONING 2. (4) (Prerequisite: NUR2 640.) Advanced pathophysiology and advanced practice interventions in selected illness situations and in a multiple-problem context, including independent clinical reasoning in the management of health and illness concerns.

NUR2 642 ETHICS IN ADVANCED PRACTICE. (3) Analysis of common as well as complex ethical issues in advanced nursing practice. General ethical standards for professional practice are reviewed as well as selected controversies.

NUR2 643 ROLE DEVELOPMENT. (3) Development of advanced practice roles, including professional and legal accountability, interdisciplinary practice, planning change, conflict resolution, referral, and consultation.

NUR2 644 SPECIAL TOPICS 1. (3) Health and illness management issues for nurse practitioners in neonatology.

NUR2 645 SPECIAL TOPICS 2. (3) Health and illness management issues for nurse practitioners in oncology.

NUR2 646 SPECIAL TOPICS 3. (3) Health and illness management issues for nurse practitioners in cardiac and critical care.

NUR2 647 SPECIAL TOPICS 4. (3) Health and illness management issues for nurse practitioners in nephrology.

NUR2 650 PRACTITIONER INTERNSHIP. (8) Supervision of clinical practice for nurse practitioner roles.

NUR2 701 COMPREHENSIVE EXAMINATION. (1)

NUR2 702 QUANTITATIVE RESEARCH. (3) Examination of various experimental, quasi-experimental, correlational, and survey designs with particular focus on the use of these designs in nursing research.

NUR2 703 ISSUES OF MEASUREMENT. (3) An examination of the underlying theories of measurement and techniques for assessing the validity and reliability of data collection instruments. Issues related to the development and/or utilization of instruments to measure target variables in nursing and health research are addressed.

NUR2 705 PALLIATIVE CARE IN CANCER. (3) (Note: Required for the Psychosocial Oncology Option for PhD students in the School of Nursing and Dept. of Psychology. Other PhD students are welcome to join.) Psychosocial aspects of care as an integral part of whole person care for people living with a life-threatening illness.

NUR2 706 QUALITATIVE NURSING RESEARCH. (3) (Corequisite: NUR2 702) (Restriction: Enrolled in Ph.D. in Nursing or permission of instructor) Advanced examination of the utilization of qualitative research in nursing.

NUR2 720 NURSING WORKFORCE DETERMINANTS. (3) Factors affecting the planning and management of the nursing workforce in the context of forecasting models, demographic changes, public organizational response, models of organizational behavior and determinants of nursing sensitive outcomes, and productivity.

NUR2 730 THEORY DEVELOPMENT IN NURSING. (3) (Prerequisite: NUR2 620 or equivalent) This course surveys the history of nursing theory development with special emphasis placed on the approaches theory development and the factors affecting these approaches. Issues such as the level of theory, where theory derives are examined in light of the needs of a practice discipline. Future directions for theory development in nursing are explored.

NUR2 780 ADVANCED NURSING. (3) (3 hours seminar weekly)
(Prerequisite: NUR2 621, NUR2 624, NUR2 625 or equivalent and permission of instructor) An in-depth analysis of selected issues and developments within nursing and health care. Included will be topics relevant to the areas of research and clinical expertise of the student and faculty.

NUR2 783 PSYCHOSOCIAL ONCOLOGY RESEARCH. (3) (Restriction: Open to doctoral students and postdoctoral fellows in health sciences, social work, psychology, management and by permission of the instructor.) This seminar focuses on evidence-based research developments in psychosocial oncology. Students will explore state-of-the-art theory, research methods, findings, and intervention programs from a variety of disciplines including nursing, psychology, medicine, health services management and social work that have contributed to the emergent field of psychosocial oncology.

7 School of Physical and Occupational Therapy

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7.1 The School

7.1.1 Location

School of Physical and Occupational Therapy
 Davis House
 3654 Promenade Sir-William-Osler
 Montreal, QC H3G 1Y5
 Canada
 Telephone: (514) 398-4500
 Fax: (514) 398-6360
 Web site: www.medicine.mcgill.ca/spot

7.1.2 Administrative Officers

Abraham Fuks; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
Dean, Faculty of Medicine (until September 1, 2006)

Richard I. Levin; B.Sc.(Yale),M.D.(NYU)
Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine (as of September 1, 2006)

Maureen J. Simmonds; Dip. P.T.(Wolverhampton),
 B.Sc.(P.T.), M.Sc.(P.T.), Ph.D.(Alta.) **Director**

Mindy Levin; B.Sc.(P.T.), M.Sc., Ph.D.(McG.)
Academic Director, Physical Therapy

Sandra Everitt; B.Sc.(O.T.), M.A.(McG.)
Academic Director, Occupational Therapy

Diane St. Pierre; B.Sc.(P.T.)(McG.), M.Sc., Ph.D.(Montr.)
Academic Director, Graduate Program

Hélène Marion **Administrative Officer**

7.1.3 Staff of the School

Professors

Hugues Barbeau; B.Sc.(P.T.), M.Sc., Ph.D.(Laval)
 Robert Dykes; B.A.(Calif.-LA), Ph.D.(Johns H.)
 Erika Gisel; B.A.(Zur.), B.S.O.T., M.S., Ph.D.(Temple)
 Maureen J. Simmonds; Dip. P.T.(Wolverhampton),
 B.Sc.(P.T.), M.Sc.(P.T.), Ph.D.(Alta.)
 Sharon Wood-Dauphinee; B.Sc.(P.T.), Dip.Ed., M.Sc.A.,
 Ph.D.(McG.)

Associate Professors

Joyce Fung; B.Sc.(P.T.)(Hong Kong Polytech. U),
 Ph.D.(McG.)
 Isabelle Gélinas; B.Sc.(O.T.)(Montr.), M.Sc.(Virginia),
 Ph.D.(Rehab.Sc.)(McG.)
 Eva Kehayia; B.A., M.A., Ph.D.(McG.)
 Nicol Korner-Bitensky; B.Sc.(O.T.), M.Sc., Ph.D.(McG.)
 Mindy Levin; B.Sc. (P.T.), M.Sc., Ph.D. (McG.)
 Annette Majnemer; B.Sc.(O.T.), M.Sc., Ph.D.(McG.)
 Nancy Mayo; B.Sc.(P.T.)(Qu.), M.Sc., Ph.D.(McG.)
 Patricia McKinley; B.A., M.A., Ph.D.(Calif.-LA)
 Diane St. Pierre; B.Sc.(P.T.)(McG.), M.Sc., Ph.D.(Montr.)

Assistant Professors

Philippe Archambault; B.Sc.(O.T.)(McG.), M.Sc.A.,
 Ph.D.(Montr.)

Sophie De Serres; B.Eng., M.Eng.(Ecole Polytech.), Ph.D.(Alta.)
 Sandra Everitt; B.Sc.(O.T.), M.A.(McG.)
 Anouk Lamontagne; B.Sc., M.Sc., Ph.D.(Laval)
 Catherine Limperopoulos B.Sc.(O.T.), M.Sc., Ph.D.(McG.)
 Bernadette Nedelec; B.Sc.(O.T.), Ph.D.(Alta.)
 Laurie Snider; B.Sc.(O.T.)(McG.), M.A.(Br.Col.), Ph.D.(Tor.)
 Jadranka Spahija; B.Sc. P.T., Ph.D.(McG.)

Faculty Lecturers

Liliane Asseraf-Pasin; B.Sc.(P.T.) (McG.)
 G enevi eve C ot e-Leblanc; B.Sc.(O.T.)(McG.), M.Sc. (Rehab.Sc.)
 (McG.) (part-time)
 Mary-Ann Dalzell; B.Sc.(P.T.), M.Sc.A.(McG.) (part-time)
 Jean-Pierre Dumas; B.Sc.(P.T.) (McG.), M.Sc. Sciences
 Biom ed.(Montr.) (part-time)
 Julie Fattal; B.Sc.(O.T.) (McG.), (part-time)
 Amelia Gaglietta; B.Sc.(P.T.) (McG.)
 Nadine Lariviere B.Sc.(O.T.), M.Sc.(McG.), (part-time)
 Susanne Mak; B.Sc. (O.T.) (McG.)(part-time)
 Barbara Mazer; B.Sc.(O.T.) (Qu.), M.Sc., Ph.D.(McG.) (part-time)
 Cynthia Perlman; B.Sc.(O.T.), M.Sc.(McG.) (part-time)
 Caroline Storr; B.Sc.(O.T.), M.B.A.(C'dia) (part-time)
 Beverlea Tallant; Dip. P.&O.T.(Tor.), B.Sc.(O.T.)(McG.), M.A.,
 Ph.D.(C'dia)
 Aliko Thomas; B.Sc.(O.T.), M.Ed.(McG.) (part-time)
 Adriana Venturini; B.Sc.(P.T.), M.Sc.(McG.) (part-time)

Associate Members

D. Da Costa; B.A., M.A., Ph.D. (Concordia)
 S.G. Gauthier; B.A., M.D.(Montr.), F.R.C.P.(C), Director, Centre
 for Studies in Aging, Dept. of Neurology and Neurosurgery,
 Dept. of Psychiatry, Dept. of Medicine
 J.A. Hanley; B.Sc., M.Sc.(NUJ), Ph.D.(Wat.)
 D. Pearsall; B.A., B.PHE., M.S., Ph.D.(Qu.)
 H. Perrault; B.Sc.(C'dia), M.Sc., Ph.D.(Montr.)
 D. Watt; B.Sc., M.Sc., M.D., C.M.(McG.)

Adjunct Professors

M. B elanger; B.Sc., M.Sc.(Wat.), Ph.D.(Montr.)
 S.M. Henry; B.S., P.T., Ph.D.(Vt)
 C. Lau; B.A. (Calif., Berk.), Ph.D.(Ill.- Medical Center)
 A. Leroux; B.Sc., M.Sc.(UQAM), Ph.D.(McG.)
 P. Weiss; B.Sc.(O.T.)(W.Ont.), M.Sc.(Wat.), Ph.D.(McG.)

7.1.4 History of the School

In response to the marked need for rehabilitation specialists in Canada at the time of the Second World War, the School of Physiotherapy was started at McGill University in 1943. It was the first Canadian School to be under the aegis of a Faculty of Medicine. Initially the School offered a two-year program in physiotherapy plus internship, upgraded to a three-year program in 1947.

In 1950, Occupational Therapy was introduced in a three-year combined Physical and Occupational Therapy diploma program, followed by two months of internship in each profession. The School was given its present name the following year. In 1954, McGill introduced Canada's first B.Sc. program in Physical and Occupational Therapy, together with separate diploma programs in Physical Therapy and in Occupational Therapy.

Due to the advancement of science and technology and to the increasing emphasis on health care needs of society, the programs have evolved, integrating a greater academic and scientific base over the ensuing decades. Thus the diploma programs were phased out, allowing for the creation of the B.Sc. degree in Physical Therapy in 1969, and the B.Sc. degree in Occupational Therapy in 1971. The School vigilantly and continually revises these science-based curricula, to prepare the best qualified graduates for entry into professional practice or advanced studies in rehabilitation.

At the graduate level, an M.Sc. (Applied) program in Health Science (Rehabilitation) was initiated in 1972 and formally approved in 1976. To provide the foundation for the development of a doctorate degree, it was changed from an applied to a thesis degree in 1982. The School now offers both an M.Sc. program in Rehabil-

itation Science and, since 1988, a Ph.D. program in Rehabilitation Science, the first of its kind in Canada.

7.1.5 List of Programs

Bachelor of Science in Occupational Therapy, B.Sc.(Occ.Ther.)
 Bachelor of Science in Physical Therapy, B.Sc.(Phys.Ther.)
 Graduate Certificate in Assessing Driving Capabilities
 M.Sc. (non-thesis) in Rehabilitation Science
 M.Sc. in Rehabilitation Science
 Ph.D. in Rehabilitation Science

7.2 Programs and Admission Information

7.2.1 Professional Profiles

Occupational Therapy. Occupational therapy examines all aspects of how occupation as a therapeutic intervention enhances and enables health-related quality of life. Individuals who are affected by physical injury, disability or psychosocial dysfunction are among the clientele served by occupational therapists. Occupational therapy maximizes independence, prevents disability and promotes health across the lifespan, from early intervention in infancy to preventive interventions with the well elderly. In the field of mental health, the occupational therapist contributes to clarifying the functional psychiatric diagnosis and assists clients in coping with environmental stress and integration into the community.

Physical Therapy. Physical Therapists are health professionals who use their specialized skills to improve patients' physical dysfunction resulting from acute events such as accidents, neurological incidents or chronic conditions such as pulmonary disease. Besides providing direct care to patients, physical therapists conduct scientific research, work in industry to prevent injury in the workplace and participate in developing community-based preventive activities.

7.2.2 Professional Undergraduate Programs Offered

Bachelor of Science in Occupational Therapy, B.Sc.(Occ.Ther.)

This academic/clinical program consists of seven terms over three years following a Quebec Collegial Program in the Sciences or equivalent. Included are courses in science together with professional education in occupational therapy. Clinical experience is provided in the teaching hospitals of the Faculty of Medicine, McGill University, and other affiliated centres. One summer clinical term is completed during the summer preceding the final year. The clinical hours completed over the three-year/seven-term program exceed 1,000 hours. The credit weighting for this program is 105 credits.

Bachelor of Science in Physical Therapy, B.Sc.(Phys.Ther.)

This academic/clinical program consists of seven terms over three years following a Quebec Collegial Program in the Sciences or equivalent. Included are courses in science together with professional education in physical therapy. Clinical experience is provided in the teaching hospitals of the Faculty of Medicine, McGill University, and other affiliated centres. One summer clinical term is completed during the summer preceding the final year. The clinical hours completed over the three-year/seven-term program exceeds 1,000 hours. The credit weighting for this program is 105 credits.

7.2.3 Requirements for Admission

The nature of the professional programs in both occupational therapy and physical therapy is under review. Changes to the professional degrees offered by the School of Physical and

Occupational Therapy have been approved by the University and, if approved by the Ministry of Education, may result in program changes as early as September 2007.

Subject to Ministerial approval of the new programs, beginning in September 2007 students would be admitted to a 90-credit pre-professional bachelor's degree in Physical Therapy or in Occupational Therapy. The undergraduate degrees are designed to lead to a Master of Science (Applied) in the same discipline, i.e., Master of Science (Applied) in Physical Therapy or Master of Science (Applied) in Occupational Therapy.

Entry requirements for CEGEP students would remain unchanged. All entrance requirements for 2007-2008 will be available on the Web at www.mcgill.ca/applying in the Fall. Information will also be available from the Admissions, Recruitment and 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.

7.2.3.1 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 required 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 degree by August 1 of the entering year should address their application directly to the Admissions, Recruitment and Registrar's Office, James Administration Building.

McGill students applying for an inter-faculty transfer to an undergraduate program offered by the School of Physical and Occupational Therapy must have completed a minimum of two terms of study (24 credits) at McGill, taken all the prerequisite courses: two terms of biology with labs; two terms of general chemistry with labs; one term of organic chemistry with labs; two terms of physics with labs (including mechanics, electricity and magnetism, waves, optics at the university level) or three terms of physics at the CEGEP level; and two terms of calculus (differential

and integral); and have satisfied the paid/volunteer experience described above by June 1 of the entering year.

High school graduates from outside Quebec who have been accepted into a 120-credit Science program who wish to transfer into Physical or Occupational Therapy must have taken the McGill courses listed below to be eligible to apply to transfer into Physical or Occupational Therapy.

McGill Science Prerequisite Courses – McGill Inter-faculty Transfer

Fall Term

BIOL 111	(3)	Principles: Organismal Biology with lab
CHEM 110	(4)	General Chemistry 1 with lab
MATH 139	(4)	Calculus
or MATH 140	(3)	Calculus1
PHYS 101	(4)	Introductory Physics – Mechanics with lab
or PHYS 131	(4)	Mechanics and Waves with lab

Winter Term

BIOL 112	(3)	Cell and Molecular Biology with lab
CHEM 120	(4)	General Chemistry 2 with lab
CHEM 212*	(4)	Introductory Organic Chemistry 1 with lab
MATH 141	(4)	Calculus 2
PHYS 102	(4)	Introductory Physics – Electromagnetism with lab
or PHYS 142	(4)	Electromagnetism and Optics with lab

* Alternatively, this course can be taken intensively in the summer term in the month of May, the recommended option. It can only be taken in the Winter term by students who have a Fall term overall average of B+.

Students applying for an inter-faculty transfer into the Bachelor of Science programs offered at the School of Physical and Occupational Therapy should apply directly to the School of Physical and Occupational Therapy. Application forms are available from the School at the beginning of February of the year applying. The completed application forms must be received by the School no later than June 1 of the entering year. In addition to the information required in the application package, students must complete an inter-faculty transfer form available on Minerva. Please refer to www.mcgill.ca/student-records/dates/transfer for details.

7.3 General Information

7.3.1 Student Advising

The Mission Statement of the University expresses the commitment to offer students "the best education available". An essential component of this is the advising process. The active participation of students in the advising process is essential in order for them to access the full range of academic opportunities during their studies. They must be proactive in seeking meetings with advisers, professors, counsellors, and such to ensure that they receive the advice they need to meet their academic goals. It should be noted that, while advisers are there to provide students with guidance, students are ultimately responsible for meeting the requirements of their degree. It is their responsibility to inform themselves about the rules and regulations of the University faculty, and their program. With the students' cooperation, all advisers and counsellors will work together to help students throughout their undergraduate studies.

Your adviser

- is a faculty member with whom you can build a relationship to counsel you throughout the program;
- can guide you with both academic and non-academic concerns;
- is the person in the School with whom you can discuss any matter and to whom you may go for advice;
- will provide ongoing advice and guidance on the program;
- will assist you with workload management;

- will assist you with guidance regarding career options or considerations;
- will offer help managing academic situations during periods of personal, financial, or medical problems, by working with students to identify various possibilities and strategies for making informed decisions;
- will communicate with other advisers within the University and, with a student's permission, serve as a direct link to other University resources.

Related Services

The **First-Year Office (FYO)** (Brown Student Services Building; firstyear@mcgill.ca) can help new students navigate their way through the Undergraduate Course Calendar and the information contained in the *Welcome to McGill* book. They will help students prepare for the course registration period when the Minerva registration system opens for newly admitted students. To maximize this help, it is strongly recommended that students first read the sections in the *Welcome to McGill* book specific to their faculty. The FYO staff are always available to provide advice and referrals to the many support mechanisms at McGill.

Student Services Counselling Service (Brown Student Services Building; counselling.service@mcgill.ca) has professional counsellors who are available to discuss personal, academic and career goals or problems. They can provide individual or group study skills sessions or guide students through financial, or other, crises by means of interventions or referrals.

Career and Placement Service (Brown Student Services Building; careers.caps@mcgill.ca) provides career education, guidance, and individual advising to students in their search for permanent, part-time, or summer jobs and internships.

7.3.2 Language Policy

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.

Entering students should be aware that most of the clinical affiliation placements undertaken in the province of Quebec, including those in Greater Montreal, require proficiency in both English and French.

It is recommended that students who lack proficiency in English or French avail themselves of the opportunity to take an intensive English or French as a second language course, prior to, or early in, their program of studies. Working knowledge of both languages is important for students who will be working in clinical affiliations throughout the province.

7.3.3 Vaccination and CPR Requirements

Students in all health care programs must comply with the [section 2.1.9 "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. There are no exceptions to these requirements. Students who do not meet these requirements will be asked to withdraw.

Valid CPR certification level "C" (which includes adults and children's resuscitation) is required prior to going into any of the clinical affiliation placements. Proof of valid certification must be presented no later than January 30th of the first year of the program to enable the student to enter the first clinical affiliation in March of that year. This certification must be maintained throughout the three years of the program.

7.3.4 Clinical Placements

During the course of study, students may be assigned to clinical placements outside of Montreal and/or in rural areas within the province of Quebec. Students are expected to budget for this possibility in planning for their funding for degree completion.

7.3.5 Prizes, Awards and Loans

UNDERGRADUATE PRIZES AND AWARDS

CANADIAN PHYSIOTHERAPY ASSOCIATION AWARD, presented to the student with the highest standing throughout the B.Sc.(Phys. Ther.) program.

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 desirable of a caring professional, these being compassion, empathy, concern for the needs of the patient and devotion to the profession. Value: \$150.

UNDERGRADUATE SCHOLARSHIPS

CLIFFORD C.F. WONG SCHOLARSHIP

黃振輝獎學金

Established in 1989 by the late Clifford C.F. Wong, B.Arch. (1960) to recognize distinguished academic standing. Awarded by the School of Physical and Occupational Therapy to a continuing student having completed at least one year in the Bachelor of Science program in Physical or Occupational Therapy. Value: \$1500.

WOMEN ASSOCIATES OF MCGILL SCHOLARSHIP, awarded on the basis of high academic standing to an undergraduate student having completed at least one year in the B.Sc. degree program in Physical or Occupational Therapy. Preference is given to women students. Value: \$1,500.

SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY SCHOLARSHIPS FUND, established in 1992 by the University and by graduates and friends of the School to provide awards based on academic achievement to students in the top 5% of the School. Granted by the School of Physical and Occupational Therapy to equalize the value of awards to students of comparable standing. Awards range in value from \$100 to the level of the major entrance scholarships, in increments of \$100.

GRADUATE FELLOWSHIPS

JUDITH KORNBLOTH-GELFAND FELLOWSHIP, established by her husband and Dynamic Capital Corporation as a tribute to Judith Kornbluth-Gelfand (P.T., Class of 1958 and B.Sc. P.T., class of 1976), in recognition of her interest in children suffering from neurological and neuromuscular disorders. Awarded by the School of Physical and Occupational Therapy to an outstanding graduate student conducting research studies to improve the efficacy of physiotherapeutic rehabilitation with preference to pediatrics, neurological and neuromuscular disorders. Value: minimum of \$2,000.

KAVITA KULKARNI MEMORIAL PRIZE IN REHABILITATION SCIENCE, established in 2002 by family, friends and the Jewish Rehabilitation Hospital (JRH) Foundation in memory of Kavita Kulkarni, B. Sc.(PT) 2001. Kavita was an outstanding student in the School of Physical and Occupational Therapy who sudden and tragic death was mourned by all who knew her. Awarded by the School of Physical and Occupational Therapy on the basis of an outstanding graduate enrolled in a full-time degree program in the School. Preference shall be given to student pursuing research in Rehabilitation Science at the JRH. Value: minimum \$750.

MARGHERITA RAPAGNA MEMORIAL PRIZE IN REHABILITATION SCIENCE, established in 2002 by family, friends and the Jewish Rehabilitation Hospital (JRH) Foundation in memory of Margherita Rapagna. Kavita was an outstanding student in the School of Physical and Occupational Therapy who sudden and tragic death was mourned by all who knew her. Awarded by the School of Physical and Occupational Therapy on the basis of an outstanding graduate student enrolled in a full-time degree program in the School. Preference shall be given to student pursuing research in Rehabilitation Science at the JRH. Value: minimum \$500.

BARBARA ROSENTHAL PRIZE IN PHYSICAL AND OCCUPATIONAL THERAPY, established in 1992 as a tribute to Barbara Rosenthal's long-standing affiliation with the McGill School of Physical and Occupational Therapy and her devoted years of service to the practice of occupational therapy. Awarded to a full-time student in the Master's program in Rehabilitation Science with preference being given to an occupational therapist. The prize is given by the School of Physical and Occupational Therapy on the basis of high academic standing during the first year of the program. Value: minimum of \$235.

A complete list of scholarships, bursaries, prizes and awards, and the regulations governing the various loan funds, are given in the *Undergraduate Scholarships and Awards Calendar* and in the *Graduate Fellowships and Awards Section of the Graduate and Postdoctoral Studies Calendar*. These Calendars are available on the Web at www.mcgill.ca/courses.

7.3.6 Licensing Regulations

Graduates from McGill may seek licensure around the world. Each country, province or state sets its own requirements for licensure which may necessitate examination, further course work and/or the TOEFL.

Certain provinces in Canada, states of the United States of America, and other countries require that those intending to practice occupational therapy or physical therapy within their borders comply with special provincial or state licensing regulations. Further information may be obtained from the offices of the associations listed under [section 7.3.7 "Professional Organizations"](#).

Graduates seeking licensure in the United States should be aware that recent reforms in licensing and immigration laws have

led to new requirements for internationally educated health care professionals entering the country.

In order to practice occupational therapy or physical therapy in the province of Quebec, a permit must be obtained from the appropriate provincial regulatory body. Quebec law also requires that candidates seeking admission to the provincially-recognized Quebec regulatory bodies must possess a working knowledge of the French language, i.e., be able to communicate verbally and in writing in that language. For further information, refer to "[Language Requirements for Professions](#)" on page 46.

Occupational therapists practising in Canada (except Quebec and Manitoba) are required to pass a National Certification Examination after graduation. For information, write to the Canadian Association of Occupational Therapists (see below).

Physical therapists who graduated from 1993 onwards who wish to practice in provinces in Canada (other than Quebec) are required to pass a Physiotherapy National Examination. For confirmation, write to the Alliance of Physiotherapy Regulatory Boards.

7.3.7 Professional Organizations

Since 1995-96 all the clinical affiliation hours required to comply with the standards necessary for membership in both the national and provincial associations for each profession are included within the program.

Students registered in the program prior to 1995 were required to complete further clinical practice in accredited occupational or physical therapy departments.

This standard is compatible with the licensing requirements in provinces where legislation is in force.

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
E-mail: information@physiotherapy.ca

(Ottawa Office)
1400 Blair Place, Suite 205
Ottawa, ON K1J 9B8
Telephone: (613) 564-5454 Fax: (613) 564-1577
Email: infoottawa@physiotherapy.ca

Alliance of Physiotherapy Regulatory Boards
1243 Islington Avenue, Suite 501
Etobicoke, ON M8X 1Y9
Telephone: (416) 234-8800 Fax: (416) 234-8820
Web site: www.alliancept.org

Quebec Provincial Offices

Ordre des ergothérapeutes du Québec
2021 avenue Union, bureau 920
Montréal, QC H3A 2S9
Telephone: (514) 844-5778 Fax: (514) 844-0478
Web site: www.oeq.org
E-mail: ergo@oeq.org

Ordre professionnel des physiothérapeutes du Québec
7101, rue Jean-Talon est, bureau 1120
Anjou, QC H1M 3N7
Telephone: (514) 351-2770 Toll Free: 1 (800) 361-2001
Fax: (514) 351-2658
Web site: www.oppq.qc.ca
E-mail: physio@oppq.qc.ca

International Offices

Please check Web sites of individual countries and states for specific licensing requirements.

7.3.8 Program Accreditation

The Physical Therapy Program is accredited through the Accreditation Council of Canadian Physiotherapy Academic Programs (ACCPAP).

The Occupational Therapy program is accredited by the Canadian Association of Occupational Therapists.

7.4 Student Evaluation and Promotion

7.4.1 Degree Requirements

Students in Occupational Therapy or Physical Therapy must complete a total of 105 course credits, successfully complete all the courses in the curriculum, and have a CGPA of at least 2.3 in all courses in the Occupational Therapy or Physical Therapy curriculum to obtain the degree of B.Sc.(Occ. Ther.) or the degree of B.Sc.(Phys.Ther.).

Due to the sequential nature of the programs the Occupational Therapy and Physical Therapy programs are full-time programs of study.

The Evaluation System is multi-faceted and under constant review by the School of Physical and Occupational Therapy. The School reserves 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. For complete School regulations, reference should be made to the School of Physical and Occupational Therapy CD ROM and student handbook and course guide which is updated annually, and can be found on the Web at www.medicine.mcgill.ca/spot.

For the purposes of evaluation, the three year curriculum is broken down into the following promotion periods:

Promotion Period 1 - U1- beginning of September to end of April

Promotion Period 2 - U1- beginning of May to end of August

Promotion Period 3 - U2 -beginning of September to end of April

Promotion Period 4 - U2- beginning of May to beginning of September

Promotion Period 5 - U3- beginning of September to mid December

Promotion Period 6 - U3- beginning of January to beginning of February

Promotion Period 7 - U3- February (2nd week) to end of April

7.4.2 Student Promotions

Academic matters are the jurisdiction of Occupational Therapy Student Promotion Review Committee (OTPRC) or the Physical Therapy Student Promotion Review Committee (PTPRC). The Occupational Therapy or Physical Therapy Promotion and Review Committees review the academic record, professional conduct and general performance of students throughout the OT/PT programs. It exercises final authority to determine a student's competence and suitability for the practice of occupational therapy or physical therapy and, hence, makes final decisions on all matters relating to promotion and graduation.

No evaluation, examination mark etc. shall be considered final until passed by the OTPRC or the PTPRC.

To pass any professional course, which comprises both an individual and group evaluation, each student must pass the individual component in order to receive a passing grade for the course.

When a student has failed one or more courses or has been found to have been engaged in unethical or inappropriate conduct (i.e. unprofessional behaviours), the OTPRC or the PTPRC will automatically review the student's entire academic record and general performance.

Academic offences such as plagiarism and cheating on examinations and unethical or inappropriate 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 OTPRC or the PTPRC; this may be considered evidence of unsuitability for the practice of occupational therapy or physical therapy and grounds for dismissal from the program.

A policy for student athletes, who are part of a team and are competing in athletic competitions at an inter-collegiate level or higher, will be available in the 2006-07 School of Physical and Occupational Therapy's *Rules and Regulations for Student Evaluation and Promotion and Course Guide*. These documents are updated annually and can be found on the web at www.medicine.mcgill.ca/spot. The policy applies only to student athletes, and not to student trainers.

In the event that a student is required to withdraw or abandons their studies in physical therapy or occupational therapy, the School of Physical and Occupational Therapy will proceed with the withdrawal procedure.

The School has the right to dismiss, at any time, any student who is considered incompetent and/or unsuitable for the practice of occupational therapy or physical therapy.

7.4.3 Failure of Supplemental Examinations or Remedial Clinical Affiliations

The results of all supplementals, remedial work or remedial clinical affiliations will be recorded on the official transcript of the student as supplemental examinations, and will be considered as such for purposes of promotion.

Students must complete all requirements of each promotion period before being permitted to enter the next promotion period.

A student with an overall GPA of less than 2.7 in the promotion period will be placed on probation, reviewed by the OTPRC/PTPRC and may be required to repeat the promotion period.

A student may not repeat more than two promotion periods in the curriculum. Failure in any professional course (OCC1, PHTH, or POTH courses) during a repeat promotion period will result in dismissal from the program.

Students are not permitted more than one (1) failure in a clinical affiliation throughout the curriculum. A failure in a remedial clinical affiliation or in any subsequent clinical affiliation course will result in the student being required to withdraw from the program.

Full details of the Rules and Regulations for Student Evaluation and Promotion can be found at the School's website at: www.medicine.mcgill.ca/spot and in the School of Physical and Occupational Therapy course guides.

7.4.4 Change of Course and Withdrawal Policy

Course Change and Withdrawal

Course drop/add and Withdrawal (W) deadlines dates are listed in the Calendar of Dates. Following the Course Change deadline there is a period of a few days during which students may withdraw, with a grade of W and full refund of course fees, from courses that start in that term.

After the Withdrawal (with refund) deadline, there is a period during which withdrawal from a course will also result in a grade of W but no course fees will be refunded.

Note:

1. The Occupational Therapy and Physical Therapy programs are highly structured and students must receive the approval of the Program Director to determine what course changes, if any, are allowed. Students can consult the Student Affairs Office for information on policies and procedures.
2. The responsibility for initiating withdrawal rests solely with the student. Neither notification of the course instructor nor discontinuance of class attendance will suffice. The date on which a student's withdrawal is entered on Minerva is the official date of withdrawal, even if the student stopped attending lectures earlier.
3. Fee refunds, if any, will be in accordance with [section 2.4.8 "Fees and Withdrawal from the University"](#).

University Withdrawal

Withdrawal (W) deadlines dates are specified in the Calendar of Dates.

Students considering withdrawal are strongly urged to consult with the Program Director and Student Affairs Office before making a final decision. The Student Affairs Office will supply any forms necessary to complete the University withdrawal.

Students who decide to withdraw from the University are required to follow the following procedures:

- The responsibility for initiating withdrawal rests solely with the student. Neither notification of the course instructor nor discontinuance of class attendance will suffice. The date on which a student's withdrawal is entered on Minerva is the official date of withdrawal, even if the student stopped attending lectures earlier.
- Students who withdraw from the University before the deadlines for course withdrawal must drop or withdraw from all courses that can be dropped or withdrawn from on Minerva.
- Students who are blocked from dropping or withdrawing from their course(s) on Minerva are required to contact the Student Affairs Office. The Student Affairs Office will supply any forms necessary to complete the University withdrawal.
- Students who withdraw after the deadline for course withdrawal on Minerva must contact their Student Affairs Office for information on policies and procedures.

Note:

1. All students who have accessed Minerva to register must officially withdraw within appropriate deadlines if they decide not to attend the Term(s) for which they have registered.
2. The responsibility for initiating withdrawal rests solely with the student. Neither notification of the course instructor nor discontinuance of class attendance will suffice. The date on which a student drops or withdraws from all courses on Minerva or the date the request for withdrawal is submitted to the Student Affairs Office is the official date of withdrawal, even if the student stopped attending lectures earlier.
3. Fee refunds, if any, for the term in which the student withdraws will be in accordance with [section 2.4.8 "Fees and Withdrawal from the University"](#).
4. Upon withdrawal students are required to return their ID card to the University as stated in [section 2.2.4 "Identification \(ID\) Cards"](#).

In the event that a student is required to withdraw or abandons their studies in occupational therapy or physical therapy, the School of Physical and Occupational Therapy will proceed with the withdrawal procedure. Students who are required to withdraw from either the occupational therapy or physical therapy programs will not be permitted to re-enter either program. The School has the right to dismiss, at any time, any student who is considered incompetent and/or unsuitable for the practice of occupational therapy or physical therapy.

7.4.5 Academic Integrity

Communicating about academic integrity is an essential way to foster it. In submitting work in their courses, students must understand the meaning and consequences of plagiarism and cheating; these are considered to be extremely serious academic offences.

Students who have any doubt as to what might be considered plagiarism in preparing an essay or term paper should consult the instructor of the course to obtain appropriate guidelines. There is a student guide to the meaning of plagiarism; students should consult the academic integrity Website at www.mcgill.ca/integrity. Strategies to prevent cheating are also provided on the Integrity Website.

The possession or use of unauthorized materials in any test or examination constitutes cheating. Responses on multiple-choice examinations are normally checked by the exam security computer monitoring program. The program detects pairs of students with unusually similar answer patterns on multiple choice exams. Data generated by the exam security computer monitoring program can be used as admissible evidence either to initiate or corroborate an investigation or a charge of cheating under Section 16 of the Code of Student Conduct and Disciplinary Procedures.

The Code of Student Conduct and Disciplinary Procedures includes sections on plagiarism and cheating. The Code is included in the *Handbook of Student Rights and Responsibilities*, which is available through the academic integrity Website or at www.mcgill.ca/secretariat.

7.4.6 Academic Credit Transfer Agreement/Inter-University Transfer Agreement

The IUT agreement permits concurrent registration at McGill and another Quebec institution.

In certain cases, credits may be granted by the School for courses taken at other universities. Approval by the Program Director is necessary and must be obtained in advance.

Students wishing to take advantage of this agreement should consult the Student Affairs Office for details, and are informed that this agreement is subject to the following conditions:

- a) The other universities concerned may, at their discretion, refuse the registration of a student for any of its courses;
- b) Students must complete their program requirements;
- c) The students is responsible for ensuring that the McGill Class Schedule permits these courses to be taken without conflict;
- d) The universities concerned are not responsible for special arrangements in cases of examination or class schedule conflicts;
- e) Marks earned at the host university will not appear on McGill transcripts or be included in McGill grade point averages;
- f) Students should be aware that late results received from host universities may delay their graduation.

Scholarship holders should consult with their the Scholarships Office concerning eligibility for continuation of renewal of their rewards.

Students must initiate an online Inter-University Transfer (IUT) application to request the required authorizations. The electronic form is available on the Web at www.crepug.qc.ca. This form permits the students to obtain the required authorizations. The IUT application form can also be accessed via the McGill Web at www.mcgill.ca/student-records/register/iut.

Note: Once the IUT application is approved by both the home and host universities, the student remains responsible for registering in the same course for which they have obtained electronic approval. The method of registration of the host university will vary (e.g. Web, in-person, phone, etc.). **The student is advised to initiate the electronic application allowing for enough time to meet the host university's registration deadlines. Furthermore, the student is responsible for adhering to all registration deadlines of the host institution.**

The letter grades applied by the host institution take precedence over the numerical grades if both are provided. In order to be granted transfer credits, the final grades earned at the host university must meet the minimum requirements as set by the Occupational Therapy or Physical Therapy programs. Grades earned at the host university for transfer courses are not entered on the student's McGill transcript and are not included in the calculation of the TGPA or CGPA.

For universities outside of Quebec, it is the student's responsibility to ensure that an official transcript is sent from the host institution to the Student Affairs Office. Students studying at another Quebec university on an Inter-University Transfer Agreement (IUT) will have their grade(s) sent to McGill University automatically by the host university. Transcripts not received by the appropriate date will be considered for the next graduation period only.

7.4.7 Examinations

7.4.7.1 Examinations – General Information

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.

Students will not be permitted to write an examination in any course unless they have fulfilled the requirements of the course to the satisfaction of the instructor and the Program Director. Once students have presented themselves for an examination or test, they must submit all written work to the invigilator before leaving.

Students writing examinations must have with them their valid McGill student ID card. Forgetfulness cannot be considered an acceptable excuse.

Students are reminded that cheating in any examination is considered a serious offence which could lead to expulsion from the University. Students are not permitted to have in their possession, or to use, any unauthorized materials during an examination.

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

All students are responsible for knowing the University Examination Regulations and the Code of Student Conduct and Disciplinary Procedures. The former are normally posted during the examination period.

Information about issues related to academic integrity can be found at www.mcgill.ca/integrity.

Special Facilities

Students with visual or other disabilities should consult the Coordinator, Office for Students with Disabilities, Brown Building, about the possibility of special examination facilities.

7.4.7.2 Final Examinations

Instructors are not permitted to grant any special treatment regarding examinations to any student. Faculty requires all instructors to decline to discuss marks with students before their official publication.

Formal final examinations are held during an examination period following the term in which the course is given. The dates of the examination periods are listed in the Calendar of Dates. **Students are warned not to make travel arrangements to leave Montreal prior to the scheduled end of any examination period.** In some courses there is no final examination; standing in these courses is determined on the basis of term work and class tests.

Final examinations must be held during the official examination period following the term in which the course is given, and shall be worth at least 25% of the overall mark. This holds true for written, 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.

7.4.7.3 University Regulations Concerning Final Examinations

Preamble

The objectives of these regulations are as follows:

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

Regulations

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

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

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

7.4.7.4 Interim Class Tests and Mid-Term Examinations

Members of the teaching staff may give interim class tests if they consider them necessary. The class will be advised at the beginning of the course when they will occur with the mark allocation. Students will be informed of all course requirements by the end of the course change period. The timing of the class tests is at the discretion of the professor, but no written tests will be given during the last two weeks of the term, except where a pattern of continued evaluation has been established, in which case the total value of examinations given in this period shall comprise no more than 10% of the final mark.

Mid-term examinations for one term courses are given close to the middle of the term. In those courses that span the Fall and Winter terms, instructors who wish to give a mid-term examination in December, must schedule it in the formal examination period. Make-up examinations follow the same rules as for class tests.

Absences from mid-term exams or required lab and or group work must be approved by the Program Director. For an absence to be approved, for example, because of compassionate or medical reasons, the absence must be supported by written documentation, such as a medical certificate, submitted to the Program Director. The Program Director at his or her entire discretion may request additional information before approving the absence.

7.4.7.5 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 in the GPA and CGPA (i.e., the taking of a supplemental examination has the same effect on a student's GPA as does repeating the course).

For students in U1, exceptionally, supplemental exams for failed professional courses in the Fall Term which are prerequisite to Clinical Affiliation 1 (PHTH 220 or OCC1 220) will be given during the month of February or during the U1 examination period in March. Supplemental examinations for other failed U1 Fall and Winter term professional courses will normally be held during the month of March or the first two weeks of June following the Integration Block. Supplemental examinations for failed Fall Term campus courses will normally be held during the Spring supplemental period in April or May. Supplemental examinations for Winter Term campus courses including PHGY 202 and ANAT 316 are written in the official supplemental period in August.

For students in U2 and U3, supplemental examinations for all failed Fall Term courses and for failed Winter term professional courses will normally be held following the regular spring examination period. Supplemental examinations for Winter Term campus courses are written in the official supplemental period in August.

7.4.7.6 Deferred Examinations

Students who, for serious reasons such as illness or family affliction, have not written one or more examinations, may receive the permission of the Program Director to defer the examination to the next deferred examination period. Students should be aware that deferred examinations are granted only for compelling reasons, which are verified and accepted by the Program Director. Supporting evidence is required such as an appropriate medical report from McGill Health Service which indicates the date(s) and duration of the illness. The Student Affairs Office and the Program Director must be informed by the student as soon as possible after the examination of the reason for his/her absence from the examination, and the supporting documentation must be received no later than one (1) week after the examination.

If the request is approved, a grade of L will appear in place of a grade in such courses, followed by the grade obtained in the deferred examination after it has been written. No supplemental examinations are available for students who did not receive the required passing grade in a course after a deferred examination. Such students must, with the permission of the Occupational Therapy Promotion and Review Committee (OTPRC) or the Physical Therapy Promotion and Review Committee (PTPRC), either re-register in the same course the following term for all required program courses, or in an approved course substitute in the case of elective/complementary courses.

7.4.8 Credit System

All courses carry a credit rating. A total of 105 credits must be passed for a B.Sc. degree in Occupational Therapy or in Physical Therapy.

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

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

Letter grades are assigned grade points according to the table shown above. Standing will be determined on the basis of a grade point average (GPA) computed by dividing the sum of the course credit times the grade points by the total course GPA credits.

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

The term grade point average (TGPA) will be the GPA for a given term calculated using all the applicable courses at the same level in that term. The cumulative grade point average (CGPA) will be the GPA calculated using the student's entire record of applicable courses at McGill at the same level; if the level is changed, e.g., from undergraduate to graduate, the CGPA starts again. This policy took effect January 2003. Prior to January 2003, if a student's degree program had changed, e.g., from B.Sc. to B.A., the CGPA started again. For students with academic information prior to Fall 2002, who are registered in a different program or in a different level post-Fall 2002, the transcript displays a special message regarding the CGPA restarting. If courses are repeated, all results are included in the GPA calculation. Therefore, grades of C, D or F continue to be used in the CGPA calculation even after the course is repeated or if a supplemental examination is taken.

OTHER LETTER GRADES

- J** – unexcused absence (failed): the student is registered for a course but does not write the final examination or do other required work; calculated as a failure in the GPA and CGPA. (See note below.)
- K** – incomplete; deadline extended for submission of work in a course.
- KE or K*** – further extension granted.
- KF** – failed to meet the extended deadline for submission of work in a course; counts as a failure in the GPA and CGPA.
- KK** – completion requirement waived.
- L** – deferred examination.
- LE or L*** – permitted to defer examination for more than the normal period.
- NR** – no grade reported by the instructor (recorded by the Registrar).
- P** – pass; not included in GPA.

- Q** – course continued in next term.
S – Satisfactory; equivalent to C or better in an elective course; not included in GPA. (See section 7.4.9 “Satisfactory / Unsatisfactory Option”.)
U – Unsatisfactory; equivalent to D or F in an elective course; not included in GPA. (See section 7.4.9 “Satisfactory / Unsatisfactory Option”.)
W – withdrew; a course dropped, with permission, after the change of course period; not included in GPA.
WF – withdrew failing; a course dropped, with special permission in exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an F; not included in GPA.
WL – faculty permission to withdraw from a deferred examination.
NA or && – grade not yet available.
W-- or -- – no grade: student withdrew from the University.
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.

7.4.9 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.

7.5 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.

7.5.1 Occupational Therapy Program

U1 Required Courses (32 credits)

Fall Term

- ANAT 315 (4) Regional Anatomy/Limbs and Back with Dissection
 PHGY 209 (3) Mammalian Physiology 1
 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

U2 Complementary Courses (6 credits)

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

one 3-credit Sociology course, taken during the 3-year program (requirement of the Canadian Association of Occupational Therapists)

one 3-credit course in statistics, taken prior to graduation – except for students who have passed a CEGEP statistics course with a mark of 75% or more who must substitute another 3-credit Faculty of Arts or Science course.

U3 Required Courses (28 credits)

Fall Term

- POTH 401 (3) Research Methods
 OCC1 424 (2) Splinting and Orthotics
 OCC1 436 (3) OT Practice 5: Medical and Surgical
 OCC1 438 (3) Psychosocial Theories in OT
 OCC1 420 (3) Clinical Affiliation 4
 OCC1 437D1 (1.5) OT and Community Mental Health

Winter Term

- OCC1 437D2 (1.5) OT and Community Mental Health
 OCC1 440 (2) Pre and Vocational Rehabilitation
 OCC1 441 (2) Advanced Technology/Ergonomics
 POTH 445 (4) Administration/Management
 OCC1 422 (3) Clinical Affiliation 5

U3 Complementary Courses (2 credits)

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

7.5.2 Physical Therapy Program

U1 Required Courses (32 credits)

Fall Term

- ANAT 315 (4) Regional Anatomy/Limbs and Back with Dissection
 PHGY 209 (3) Mammalian Physiology 1
 PTHH 235 (3) Movement Science and Practice 1
 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
 PTHH 236 (4) Movement 1: Musculoskeletal
 PTHH 241 (2) Assessment 2: Musculoskeletal
 POTH 222 (3) Kinesiology
 POTH 250 (2) Health Care and Professionalism
 PTHH 220 (0) Clinical Affiliation 1

U2 Required Courses (33 credits)

Fall Term

- ANAT 321 (3) Circuitry of the Human Brain
 POTH 455 (3) Neurophysiology
 PTHH 337 (3) Movement 3: Neuromuscular

Winter Term

- PTHH 328 (2) Biophysical Agents
 PTHH 336 (3) Movement 2: Cardiorespiratory
 PTHH 338 (4) Movement 4: Neurological
 PTHH 340 (3) Exercise Physiology

Summer Term

PHTH 320 (6) Clinical Affiliation 2

PHTH 321 (6) Clinical Affiliation 3

U2 Complementary Courses (9 credits)

Three from courses offered by the Faculties of Arts and Science.

One of these must be a 3-credit course in statistics, taken prior to graduation – except for students who have passed a CEGEP statistics course with a mark of 75% or more who must substitute another 3-credit Faculty of Arts or Science course.

U3 Required Courses (31 credits)*Fall Term*

POTH 401 (3) Research Methods

PHTH 432 (3) Pain Management

PHTH 433 (3) Coordinated Rehabilitation 1

PHTH 420 (3) Clinical Affiliation 4

POTH 446 (2) Current Topics: Rehabilitation

POTH 447 (2) Specialized Area of Practice

Winter Term

PHTH 421 (3) Clinical Affiliation 5

PHTH 434 (3) Biomechanics

PHTH 435 (3) Coordinated Rehabilitation

PHTH 438 (2) Fitness/Injury Management

POTH 445 (4) Administration/Management

7.6 Course Descriptions

Students preparing to register should consult the Web at www.mcgill.ca/minerva (click on 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.

Term(s) offered (Fall, Winter, Summer) may appear after the credit weight to indicate when a course would normally be taught. Please check Class Schedule to confirm this information.

Prior to September 2002 course numbers began with three-digit Teaching Unit Codes. The TU Codes used by the School were replaced as follows: OCC1 replaced 580, POTH replaced 582, PHTH replaced 581.

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

7.6.1 Description of Year 1 Courses for Occupational Therapy and Physical Therapy**7.6.1.1 Faculty of Science Courses**

Note: All Faculty of Science courses have limited enrolment.

ANAT 315 ANATOMY/LIMBS AND BACK. (4) (Fall) (2 hours lectures, 4 hours laboratory) (Restriction: Open to students in Physical and Occupational Therapy; and to Honours students in Anatomy and Cell Biology, with permission of instructor.) The regional human gross anatomy of the skeleton, joints, muscles and neurovascular structures of the limbs and back.

ANAT 316 HUMAN VISCERAL ANATOMY. (2) (Winter) (2 hour lecture, 2 hours laboratory) (Prerequisite: ANAT 315) (Restriction: Open to students in Physical and Occupational Therapy, and to others by special permission) The gross anatomy of the various organ systems of the human body, with emphasis on those aspects of greatest relevance to physical and occupational therapists. Laboratories include studies of prepared specimens, use of the anatomical museum and audiovisual materials.

PHGY 202 HUMAN PHYSIOLOGY: BODY FUNCTIONS. (3) (Winter) (3 hours lecture weekly) (Prerequisites: collegial courses in biology or anatomy and in chemistry and physics; with CHEM 212 or equivalent, as a pre-/co-requisite) (Restriction: For students in Physical and Occupational Therapy, Nursing, Education, and others with permission of the course coordinator) (Restriction: Not

open to students who took 552-201 in 1976-77 or earlier, or PHGY 210) Physiology of the cardiovascular, respiratory, excretory, endocrine, and digestive systems; organic and energy metabolism; nutrition; exercise and environmental stress.

PHGY 209 MAMMALIAN PHYSIOLOGY 1.(3) (Fall) (3 hours lectures weekly) (Prerequisites: as for PHGY 201 and PHGY 202. Pre-/co-requisites: BIOL 200, BIOL 201 or BIOC 212) (Restriction: Not open to students who have taken PHGY 211 or PHGY 201) (Restriction: For students in the Faculty of Science, and other students by permission of the instructor) The course covers the physiology of body fluids, blood, body defense mechanisms, peripheral and central nervous system, muscle. Students must be prepared to attend evening (19:00 - 20:00) class tests.

7.6.1.2 Joint Courses in Occupational Therapy and Physical Therapy Programs

POTH 222 KINESIOLOGY. (3) (15 hours/week lecture/seminar/ laboratory for 3 weeks.) Introduction to the analysis of normal and pathological human movement including anthropometrics, kinematics, muscle mechanics, instrumentation and computers.

POTH 248 COMMUNICATION / PROFESSIONALISM. (2) (2 hours/ week for 13 weeks.) This course will focus on communication and psychosocial issues in health, impairment, disability and handicap. Information systems and the concepts of evidence based-practice, self-directed and life long learning will be included.

POTH 250 HEALTH CARE AND PROFESSIONALISM. (2) (2 hours/ week for 9 weeks.) This course will describe the basic issues of professionalism, the world health environment and the Canadian and Quebec health care systems.

POTH 260 LIFESPAN. (2) (2 hours) The course will describe the sequence and unique changes associated with physical, cognitive, language and psychosocial development occurring from conception to death.

7.6.1.3 Occupational Therapy Courses

OCC1 220 CLINICAL AFFILIATION 1. (0) (6 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres; convalescent and home care facilities; specialized schools and community centres. The focus will be on the assessment and treatment of patients with musculoskeletal conditions.

OCC1 235 OCCUPATION AS THERAPY. (3) (8 hours lecture/ laboratory) A course covering the conceptual framework of occupational performance with practical applications to musculoskeletal conditions across the life span. The second part of the course will orient the student to assessments used by other team members.

OCC1 236 OT PRACTICE 1: MUSCULOSKELETAL. (4) (10 hours/ week for 13 weeks - split into 10 weeks and 3 weeks.) A lecture/ seminar/laboratory case-based course covering the planning and implementation of OT interventions for individuals of all ages with musculoskeletal conditions. The second part will focus on multidisciplinary client-centred rehabilitation.

OCC1 240 ASSESSMENT OF PERFORMANCE 1. (2) (1.5 hours lecture/ 2 hours lab for 10 weeks.) A lecture/seminar/laboratory course covering the conceptual framework of occupational performance with practical applications to musculoskeletal conditions across the life span. The second part of the course will orient the student to assessments used by other team members.

POTH 239 ASSESSMENT IN REHABILITATION 1. (2) (4 hours lecture/ laboratory for 13 weeks.) A theoretical and practical course which includes principles of measurement, history taking and physical assessment of the patient.

7.6.1.4 Physical Therapy Courses

PHTH 220 CLINICAL AFFILIATION 1. (0) (6 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres; convalescent and home care facilities; specialized schools and community centres. The focus will be on the assessment and treatment of patients with musculoskeletal conditions.

PHTH 235 MOVEMENT SCIENCE AND PRACTICE 1. (3) (8 hours lecture/laboratory.) Theory and practice of exercise as a therapeutic agent, including how to move effectively and to teach an exercise will be explored across the lifespan. These skills will be integrated with basic concepts of the physiological effects of other physical agents used to enhance movement.

PHTH 236 MOVEMENT 1: MUSCULOSKELETAL. (4) (10 hours/week for 13 weeks - split into 10 weeks and 3 weeks) A case-based course covering the planning and implementation of physical therapy interventions for individuals of all ages with musculoskeletal conditions. Appropriate electrotherapeutic modalities will be covered. The second part will focus on multidisciplinary client-centred rehabilitation.

PHTH 241 ASSESSMENT 2: MUSCULOSKELETAL. (2) (2 hours/week for 10 weeks) A lecture and practical course which focuses on the soft tissue diagnoses of musculoskeletal disorders.

POTH 239 ASSESSMENT IN REHABILITATION 1. (2) (4 hours lecture/laboratory for 13 weeks.) A theoretical and practical course which includes principles of measurement, history taking and physical assessment of the patient.

7.6.2 Description of Year 2 Courses for Occupational Therapy and Physical Therapy Programs

7.6.2.1 Faculty of Science Course

Note: All Faculty of Science courses have limited enrolment.

ANAT 321 CIRCUITRY OF THE HUMAN BRAIN. (3) (Fall) (2 hour lectures, 2 hours laboratory/tutorial) (Prerequisite: at least one 3-credit university level course in biology or psychology) (Restriction: Open to U3 students only, except for P&OT students.) This course explores the functional organization of the human brain and spinal cord. The course focuses on how neuronal systems are designed to subservise specific motor, sensory, and cognitive operations.

7.6.2.2 Joint Courses in Occupational Therapy and Physical Therapy Programs

POTH 455 NEUROPHYSIOLOGY. (3) (3 hours/week) A study of the neurophysiological principles of sensori-motor interaction as they relate to posture, motor control and cognition.

7.6.2.3 Occupational Therapy Courses

OCC1 320 CLINICAL AFFILIATION 2. (6) (6 weeks, full-time)

OCC1 321 CLINICAL AFFILIATION 3. (6) (6 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres; convalescent and home care facilities; specialized schools and community centres. The focus will be on the assessment and treatment of patients with neurological or psychological dysfunctions.

OCC1 335 OT PRACTICE 2 (PART 1). (2) (6 hours/week for 13 weeks.) A lecture, practical and case-based course covering neurological conditions across the lifespan. OT theory, principles of treatment and therapeutic use of activities for individuals with neurological dysfunctions will be included.

OCC1 336 OT PRACTICE 2: NEUROLOGICAL CONDITIONS. (4) (7 hours/week for 13 weeks.) A lecture, practical and case based course covering neurological conditions across the lifespan. OT theory, principles of treatment and therapeutic use of activities for individuals with neurological dysfunctions will be included.

OCC1 337 OT PRACTICE 3. (3) (4 hours lecture/ week for 13 weeks.) A lecture, practical and case-based course covering psychiatric conditions across the lifespan. OT theory, principles of treatment and therapeutic use of self and activities will be applied for individuals or groups.

OCC1 338 OT PRACTICE 4: MENTAL HEALTH. (3) (6 hours/week for 13 weeks) A lecture and small group course to include the theories of group dynamics and practical applications in the practice of occupational therapy as well as the theory projection and the therapeutic use of projective media for treating individuals or groups across the life span.

OCC1 339 STRATEGIES FOR INDEPENDENT LIVING. (2) (3 hours/week lecture/laboratory for 13 weeks.) This course will focus on interventions including adaptive technology and environmental adjustments to maximize independent living in the home and community.

OCC1 340 ASSESSMENT OF PERFORMANCE 2. (2) (4 hours/week for 13 weeks) A theoretical and practical course to cover assessment and informed decision making in OT practice, as well as the assessment of psychosocial, neuromotor and perceptual/cognitive performance across the lifespan.

OCC1 341 ASSESSMENT OF PERFORMANCE 3. (3) (4 hours/week for 13 weeks) A theoretical and practical course to cover specialized assessment of psychological performance, social interactions, activities of daily living and the environment. Computerized assessment will be utilized.

7.6.2.4 Physical Therapy Courses

PHTH 320 CLINICAL AFFILIATION 2. (6) (6 weeks, full-time)

PHTH 321 CLINICAL AFFILIATION 3. (6) (6 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres; convalescent and home care facilities; specialized schools and community centres. The focus will be on the assessment and treatment of individuals with neurological and cardio-respiratory conditions.

PHTH 328 BIOPHYSICAL AGENTS. (2) (2 hours lecture/2 hours laboratory/tutorial) A lecture, practical and case-based course covering the biophysical principles and the neurophysiological bases for the use of thermal agents and therapeutic electricity in the management of and the clinical decision-making in musculoskeletal and neurological conditions. The use of electrotherapeutic interventions in physical therapy will be explored on a case-by-case basis.

PHTH 336 MOVEMENT 2: CARDIORESPIRATORY. (3) (6 hours/week) A lecture, practical and case-based course consisting of pathology, clinical assessments and methods of physical treatment and rehabilitation of patients with cardio-respiratory dysfunction.

PHTH 337 MOVEMENT 3: NEUROMUSCULAR. (3) (9 hours/week) A theoretical and practical course which covers clinical assessments and applications of neurological principles to the management of clients with neurological dysfunction across the life span. The emphasis will be on motor control. Electrotherapeutic modalities will be incorporated.

PHTH 338 MOVEMENT 4: NEUROLOGICAL. (4) (9 hours/week) A theoretical and practical course which covers clinical assessments and applications of neurological principles to the management of clients with neurological dysfunction across the life span. The emphasis will be on motor control. Electrotherapeutic modalities will be incorporated.

PHTH 340 EXERCISE PHYSIOLOGY. (3) (3 hours/week) A lecture course to include the effects of exercise and training of neuromuscular, cardiovascular and respiratory systems in health and disease.

7.6.3 Description of Year 3 Courses for Occupational Therapy and Physical Therapy Programs

7.6.3.1 Joint Courses in Occupational Therapy and Physical Therapy Programs

POTH 401 RESEARCH METHODS. (3) (4.5 hours/week for 9 weeks) A lecture and seminar course on the principles of and methods used in clinical and rehabilitation science research.

POTH 445 ADMINISTRATION/MANAGEMENT. (4) (7 hours/week for 8 weeks) A lecture and seminar course to include Health Care administration, marketing and the development of leadership and entrepreneurial skills.

7.6.3.2 Occupational Therapy Courses

OCC1 420 CLINICAL AFFILIATION 4. (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the

Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

OCC1 422 CLINICAL AFFILIATION 5. (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

OCC1 424 SPLINTING AND ORTHOTICS. (2) (4.5 hours/week for 9 weeks) A course covering knowledge of therapeutic techniques and biomechanical principles involved in the application and fabrication of static and dynamic splints.

OCC1 436 OT PRACTICE 5: MEDICAL AND SURGICAL. (3) (4.5 hours/ week for 9 weeks) A lecture, practical and case-based course covering medical and surgical conditions across the lifespan. OT theory, principles of treatment and therapeutic use of activities in the OT treatment of these conditions will be discussed.

OCC1 437D1 (1.5), OCC1 437D2 (1.5) OT AND COMMUNITY MENTAL HEALTH. (2.5 hours/week for 9 weeks) (Students must register for both OCC1 437D1 and OCC1 437D2.) (No credit will be given for this course unless both OCC1 437D1 and OCC1 437D2 are successfully completed in consecutive terms) A lecture, case-based and seminar course which examines the preventive and educational role of the OT in mental health as applied to sociocultural issues and their relationship to violence and despair within the community.

OCC1 438 PSYCHOSOCIAL THEORIES IN OT. (3) (4.5 hours/week for 9 weeks) A lecture, case-based course to examine current theoretical frames of reference in OT in the field of psychiatry and their implementation into OT treatment. Particular emphasis will be placed on the long-term client.

OCC1 440 PRE AND VOCATIONAL REHABILITATION. (2) (3.5 hours/week for 8 weeks) An introduction to work theory and its application to prevocational and vocational assessment and training in rehabilitation. The application of ergonomics to rehabilitation will be discussed in a case-based context.

OCC1 441 ADVANCED TECHNOLOGY/ERGONOMICS. (2) (3.5 hours/week for 8 weeks) Approaches to occupational performance enhancement through matching technology to individual human needs and service delivery will be dealt with in a lecture/lab/seminar format.

7.6.3.3 Physical Therapy Courses

PHTH 420 CLINICAL AFFILIATION 4. (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

PHTH 421 CLINICAL AFFILIATION 5. (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

PHTH 432 PAIN MANAGEMENT. (3) (4.5 hours/week for 9 weeks) A case-based course to include the assessment and management of acute and chronic pain. Appropriate electrotherapeutic modalities will be included.

PHTH 433 COORDINATED REHABILITATION 1. (3) (4.5 hours/week for 9 weeks) A theme-based study of the interdisciplinary approach to rehabilitation. Themes will include health care issues across the lifespan, special problems of adolescents and the aged as well as maternal and child health. The focus is on long-term management.

PHTH 434 BIOMECHANICS. (3) (4.5 hours/week for 9 weeks) A lecture-based course covering the application of physics, engineering and technological principles of the study of the human body in health or disease at the behavioural and environmental level. The focus of this course will be on how these principles relate to clinical evaluation and rehabilitation.

PHTH 435 COORDINATED REHABILITATION. (3) (5 hours/week for 8 weeks) A theme-based study of selected topics and current and developing issues in rehabilitation such as AIDS, necrotizing myofasciitis, oncology, burn management and industrial health. The focus is on long-term management.

PHTH 438 FITNESS/INJURY MANAGEMENT. (2) (4 hours/week for 8 weeks) The focus of this lecture, seminar and practical course is on fitness and injury prevention as a means of promoting an active lifestyle across the lifespan.

POTH 446 CURRENT TOPICS: REHABILITATION. (2) (3 hours/ week for 8 weeks) A professional elective course given in a lecture/seminar/practical format as appropriate to a specialized rehabilitation topic. The student selects one theme from a list of current topic themes to be offered in that semester. The topic themes may change from year to year based on current and developing issues in rehabilitation.

POTH 447 SPECIALIZED AREA OF PRACTICE. (2) (3 hours/week for 8 weeks) A professional elective course given in a lecture/seminar/practical format as appropriate to a specialized area of practice. The student selects one specialized area of practice from a list of areas of practice specializations that are being offered in that semester. The specialities may change from year to year based on current and developing issues in rehabilitation.

7.6.4 Professional Specialty Courses – Descriptions

The following courses are open to senior students in the School of Physical and Occupational Therapy by permission of the Directors of the undergraduate programs and may be subject to limited enrolment. These courses may be taken as part of the undergraduate program in Occupational Therapy or Physical Therapy.

☐ Denotes limited enrolment.

☐ **OCC1 442 ENVIRONMENTS FOR THE DISABLED.**(2) Students work in multi-disciplinary teams under the supervision of faculty and visitors on selected problems encountered in the design and construction of environments for the physical disabled.

☐ **POTH 402 ADVANCED RHEUMATOLOGY.** (2) (3.5 hours per week for 8 weeks) (Prerequisite: Basic knowledge of the rheumatic diseases and clinical experience in the treatment of physical disabilities.) A seminar course emphasizing a multidisciplinary approach to the evaluation and total care of patients with rheumatic diseases. This course may be offered in the Fall or Winter term.

☐ **POTH 403 PAEDIATRICS.** (2) (3.5 hours/week) A lecture and seminar course examining the development, assessment and management of children within a variety of handicapping conditions. This course may be offered in the Fall or Winter term.

☐ **POTH 410 CHILD AND ADOLESCENT PSYCHIATRY.** (2) (3.5 hours /week) A specialized course in psychiatric occupational therapy to include an orientation to children and adolescents with psychiatric disorders as well as the evaluation and remediation techniques used in the occupational therapy treatment of these children.

☐ **POTH 441 RESEARCH ELECTIVE.** (2) The students are introduced to the methods and procedures of the specific area of research of the faculty supervisor. The student and faculty supervisor determine the objectives, requirements, time span (usually one term), scheduling, deadlines and mode of evaluation of the project.

☐ **POTH 446 CURRENT TOPICS: REHABILITATION.** (2) (3 hours/ week for 8 weeks) A professional elective course given in a lecture/seminar/practical format as appropriate to a specialized rehabilitation topic. The student selects one theme from a list of current topic themes to be offered in that semester. The topic themes may change from year to year based on current and developing issues in rehabilitation.

7.7 Graduate Programs

7.7.1 Programs Offered

Graduate Certificate in Assessing Driving Capabilities

The 15-credit post-graduate certificate program aims to train occupational therapists to assess the driving abilities and performance 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.

7.7.2 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 or 100 on the Internet-based test with each component score not less than 20. (School requirement), or the International English Language Testing System (IELTS) with a minimum overall band score of 7.0.
5. The GRE Test is recommended 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. 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 or 100 on the Internet-based test with each component score not less than 20.
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 recommended 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.

7.7.3 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 (online 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.

7.7.4 Program Requirements

Graduate Certificate in Assessing Driving Capabilities (15 credits)

This post-graduate certificate program for occupational therapists is comprised of the following five courses.

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

POTH 673 and 674 are offered on-line, whereas POTH 675, POTH 676 and POTH 677 have both on-line components and intensive workshops.

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)

- POTH 610 (3) Research Methodology
- POTH 614 (3) Selected Topics in Rehabilitation Science
- POTH 616 (1) Seminars in Rehabilitation Science
- POTH 617 (0) Rehabilitation Seminars 1
- POTH 631 (3) Research Proposal

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)

Courses at the 500 or 600 level which pertain to the student's area of specialization.

Thesis Component – Required (29 credits)

- POTH 696 (2) Thesis Research
- POTH 697 (6) Thesis Research 1
- POTH 698 (9) Thesis Research 2
- POTH 699 (12) Thesis Research 3

All four of these courses must be registered for within the first three terms of full-time study. The course POTH 699 is carried as IP "in progress" until completion of thesis.

The student carries out a research study in an approved subject area under the guidance of an internal supervisor (from within the School) or an external supervisor (from outside the School). In the case of an external supervisor, an internal co-supervisor must be appointed.

Master of Science in Rehabilitation Science (Non-Thesis) (45 credits)

THIS PROGRAM HAS TWO OPTIONS. IN THE FIRST OPTION, STUDENTS COMPLETE 45 CREDITS OF REQUIRED AND COMPLEMENTARY COURSE WORK. IN THE SECOND OPTION, STUDENTS COMPLETE 30 CREDITS OF REQUIRED AND COMPLEMENTARY COURSES PLUS A 15-CREDIT RESEARCH PROJECT IN THEIR AREA OF INTEREST. THE PROGRAM NORMALLY TAKES 3 TO 4 TERMS WHEN DONE ON A FULL -TIME BASIS.

Required Courses (9 credits)

- POTH 602 (3) Educational Methodology
- POTH 610 (3) Research Methodology
- POTH 617 (0) Rehabilitation Seminars 1
- POTH 619 (0) Rehabilitation Seminars 2
- (3) Statistics at the 500 level or higher

Complementary Courses (36 credits)

Group A, 21 credits:

chosen from the following courses offered by the School or other campus courses at the 500 and 600 levels with permission of the Director.

- POTH 508 (3) Plasticity in Rehabilitation
- POTH 603 (3) Directed Practicum
- POTH 604 (3) Current Topics in Pediatrics
- POTH 614 (3) Selected Topics in Rehabilitation Science
- POTH 618 (3) Topics in Rehabilitation
- POTH 620 (3) Measurement: Rehabilitation 1
- POTH 622 (3) Pathokinesiology
- POTH 630 (3) Measurement: Rehabilitation 2
- POTH 631 (3) Research Proposal
- 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
- POTH 682 (3) Promoting Healthy Activity

Group B, 15 credits, one of the following options:

Option 1, Directed Project:

- POTH 661 (7) Research Project 1
- POTH 662 (8) Research Project 2

Option 2:

no directed project, 5 additional courses at the 500 or 600 level

Doctorate in Rehabilitation Science

Doctoral students are required to pursue at least three years of full-time residence study.

The curriculum is divided as follows:

Required Courses (12 credits)

- POTH 610* (3) Research Methodology
- POTH 614* (3) Selected Topics in Rehabilitation Science
- POTH 620 (3) Measurement in Rehabilitation 1
- POTH 630 (3) Measurement in Rehabilitation 2
- POTH 701 (0) Ph.D. Comprehensive

Of the four required courses, at least two* will already have been completed by students with a M.Sc. in Rehabilitation Science from McGill.

The student must successfully pass a written comprehensive examination (POTH 701) by the end of the first academic year. The format is three questions to be answered in essay style over a five-day period. An additional requirement may include an oral component.

Complementary Course (6 credits)

one of:

- POTH 602 (3) Educational Methodology
- EDPH 689 (3) Teaching & Learning in Higher Education

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

Elective Courses (3-6 credits)

Courses which pertain to the student's area of specialization; chosen by the student in consultation with his/her supervisor and upon approval of the Director of the Graduate Program.

Research Proposal

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

Thesis Component - Required

The student carries out a research study in an approved subject area under the guidance of an internal supervisor (from within the School) or an external supervisor (from outside the School). In the case of an external supervisor, an internal co-supervisor must be appointed.

7.7.5 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.

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

POTH 508 PLASTICITY IN REHABILITATION. (3) (Prerequisite: POTH 455 or equivalent.) A seminar course designed to provide students with a review of current research on plasticity in the central and peripheral nervous systems. Particular emphasis is placed on the mechanisms involved in the recovery of function after injury.

POTH 602 EDUCATIONAL METHODOLOGY. (3) (Course equivalent: EDPH 689) Process of learning, methods of communication and teaching strategies for classrooms and clinical settings.

POTH 603 DIRECTED PRACTICUM. (3) (Restriction: on-campus students only.) A tutorial with directed practical experience in a clinical setting related to the student's clinical specialization, including curriculum development, and emphasizing current thought in rehabilitation.

POTH 604 CURRENT TOPICS IN PEDIATRICS. (3) (Prerequisite: POTH 260, or permission of instructors.) This course will provide an overview of current research in pediatrics.

POTH 610 RESEARCH METHODOLOGY. (3) (Corequisite: PSYC 305 or EPIB 607, or EDPE 675 and EDPE 676) An advanced lecture and seminar course. The philosophy of scientific inquiry, principles of research design, and application of statistical techniques are 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 630 MEASUREMENT: REHABILITATION 2. (3) (Prerequisite: EPIB 607 or PSYC 305 or equivalent.) Theoretical and practical

basis for measurement in rehabilitation research. Introduction to measurement theory, scale development and related statistics, approaches and instruments used to assess outcomes in patients with musculoskeletal, neurological, cardiovascular, respiratory, psychiatric or psychologic conditions.

POTH 631 RESEARCH PROPOSAL. (3) The course covers issues involved in the development of a research protocol. The presentation of a written thesis proposal is required by the end of the course. This document will serve as the basis for an oral presentation to the student's Supervisory Committee which will also review the written proposal.

POTH 661 RESEARCH PROJECT 1. (7) (Restriction: Campus students only.)

POTH 662 RESEARCH PROJECT 2. (8)

POTH 673 SCREENING FOR AT RISK DRIVERS. (3) (Prerequisite: Undergraduate or graduate degree in a health-related field.) Principles for screening at-risk disabled drivers.

POTH 674 ASSESSING DRIVING ABILITY 1. (3) (Prerequisite: POTH 673.) (Restrictions: Primarily designed for Occupational Therapists. Individuals from other disciplines may be considered on a case by case basis.) Principles of assessment of driving performance in several at-risk populations.

POTH 675 DRIVING ASSESSMENT PRACTICUM. (3) (Prerequisite: POTH 674.) (Restriction: This course is restricted to occupational therapists who have successfully completed POTH 674. It is available in both French and English and includes a 5-day intensive workshop.) Directed practical experience in a clinical setting that focuses on driving evaluations.

POTH 676 ADAPTIVE EQUIPMENT AND DRIVING. (3) (Prerequisite: POTH 675 or permission of instructor.) (Restriction: The course is restricted to occupational therapists who have successfully completed POTH 675, or permission of instructor. It is available in both French and English and includes a 4-day intensive workshop.) Prescription of complex adaptive equipment for driving and the procedures of full van modifications. Safety considerations, vehicle choice and the importance of driver retraining (specifically with adaptive equipment) are addressed.

POTH 677 RETRAINING DRIVING SKILLS. (3) (Prerequisite: POTH 675 or permission of instructor.) (Restriction: This course is restricted to occupational therapists who have successfully completed POTH 675 Driving Assessment Practicum, or permission of instructor. It is available in both French and English and includes a 2-day intensive workshop.) Principles of retraining driving skills in various clienteles through the use of different modalities. Several retraining methods will be analyzed, including driving simulators, visual training, on-road training, and compensatory techniques.

POTH 682 PROMOTING HEALTHY ACTIVITY. (3) Individual and situational determinants of health behaviours will be examined across the lifespan and in clinical populations. Application of behaviour change theories for the design, implementation and evaluation of health behaviour interventions will be discussed. Strategies to facilitate behaviour change and adherence across the lifespan will be emphasized.

POTH 696 THESIS RESEARCH. (2)

POTH 697 THESIS RESEARCH 1. (6)

POTH 697D1 (3), POTH 697D2 (3) THESIS RESEARCH 1. (Students must register for both POTH 697D1 and POTH 697D2) (No credit will be given for this course unless both POTH 697D1 and POTH 697D2 are successfully completed in consecutive terms) (POTH 697D1 and POTH 697D2 together are equivalent to POTH 697)

POTH 698 THESIS RESEARCH 2. (9)

POTH 698D1 (4.5), POTH 698D2 (4.5) THESIS RESEARCH 2. (Students must register for both POTH 698D1 and POTH 698D2) (No credit will be given for this course unless both POTH 698D1 and POTH 698D2 are successfully completed in consecutive terms) (POTH 698D1 and POTH 698D2 together are equivalent to POTH 698)

POTH 699 THESIS RESEARCH 3. (12)

POTH 699D1 (6), POTH 699D2 (6) THESIS RESEARCH 3. (Students must register for both POTH 699D1 and POTH 699D2) (No credit will be given for this course unless both POTH 699D1 and POTH 699D2 are successfully completed in consecutive terms) (POTH 699D1 and POTH 699D2 together are equivalent to POTH 699)

POTH 701 PH.D. COMPREHENSIVE. (0)

8 School of Dietetics and Human Nutrition

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8.1 The School

8.1.1 Location

School of Dietetics and Human Nutrition
 Room MS2-039
 Macdonald Stewart Building
 Macdonald Campus
 21,111 Lakeshore Road
 Ste-Anne-de-Bellevue, QC H9X 3V9
 Canada
 Telephone: (514) 398-7840
 E-mail: nutrition.dietetics@mcgill.ca
 Website: www.mcgill.ca/dietetics

8.1.2 Administrative Officers

Chandra Madramootoo; B.Sc.(Agr.Eng.), M.Sc.,
 Ph.D.(McG.), P.Eng.(*James McGill Professor*) **Dean,**
Faculty of Agricultural and Environmental Sciences,
and Associate Vice-Principal (Macdonald Campus)

William H. Hendershot; B.Sc.(Tor.), M.Sc.(McG.),
 Ph.D.(Brit.Col.) **Associate Dean (Academic)**

Suha Jabaji-Hare; B.Sc.(AUB), M.Sc.(Guelph), Ph.D.(Wat.)
Associate Dean (Research)

David J. Lewis; B.Sc., M.Sc., Ph.D.(Mem.)
Associate Dean (Student Affairs)

Suzanne Higgins; B.A.(McG.) **Associate Director,**
Admissions and Student Affairs

Gary O'Connell; B.Comm.(C'dia) **Director,**
Academic and Administrative Services

William R. Ellyett; B.A.(Sir G. Wms.), B.Ed.(Phys.Ed.)(McG.)
Director of Athletics

Philip Lavoie; Dip.Agr., B.Sc.(Agr.)(McG.) **Manager,**
Macdonald Campus Farm

Ginette Legault **Manager, Campus Housing**

Peter D.L. Knox; B.Sc.(Agr.)(McG.) **Supervisor,**
Property Maintenance

8.1.3 Academic Staff

Director — Kristine G. Koski

Emeritus Professor — Helen R. Neilson

Professors — Timothy A. Johns, Harriet V. Kuhnlein

Associate Professors — Grace Egeland (*Canada Research Chair*), Katherine Gray-Donald, Kristine G. Koski, Stan Kubow, Louise Thibault, Hope Weiler (*Canada Research Chair*), Linda Wykes (*William Dawson Scholar*)

Lecturers — Peter Bender (PT), Judy Campbell-Gordon, Lynda Fraser (PT), Linda Jacobs Starkey, Mélanie Journoud, Maureen Rose, Joane Routhier, Sandy Phillips, Hugues Plourde, Heidi Ritter

Adjunct Professors — Mary l'Abbé, Laurie Chan (*NSERC Northern Research Chair*), Kevin A. Cockell, Jeffrey S. Cohn, Edward Farnworth, Peter J.H. Jones

Cross-Appointed Staff —
 Food Science and Agricultural Chemistry: Selim Kermasha
 Medicine: Louis Beaumier, Franco Carli, Réjeanne Gougeon,
 L. John Hoffer, Errol Marliss, Thomas Schricker,
 Jean-François Yale
 Parasitology: Marilyn E. Scott
 Psychiatry: Simon Young
 MUHC: Sonya Page

Health and well-being of individuals in relation to food choices and physiological status prevails as the unifying theme of the programs in the School of Dietetics and Human Nutrition. The availability of food, normal metabolism and clinical nutrition, community nutrition at the local and international level, the evaluation of nutritional products and their use in nutrition, and the communication of information about food and health form the core of academic programs.

8.1.4 General Information

The School of Dietetics and Human Nutrition is part of the Faculty of Agricultural and Environmental Sciences which is located on the Macdonald Campus of McGill University. The Macdonald Campus is in Ste-Anne-de-Bellevue at the western end of the island of Montreal, 32 kilometres west of the city of Montreal and can be reached by city bus, train service and a McGill shuttle bus.

Health and well-being of individuals in relation to food choices and physiological status prevails as the unifying theme of the programs in the School of Dietetics and Human Nutrition. The availability of food, normal metabolism and clinical nutrition, community nutrition at the local and international level, the evaluation of nutritional products and their use in nutrition, and the communication of information about food and health form the core of academic programs.

The School offers a B.Sc.(Nutr.Sc.) through majors in Dietetics and Nutrition. Professional Practice experiences in the Dietetics Major are provided in the McGill teaching hospitals and in a wide variety of health, education, business, government and community agencies. The Dietetics Major leads to membership in professional dietetics associations and eligibility for professional registration.

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.

8.2 Programs and Admission Information

8.2.1 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*.

8.2.2 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.

8.2.3 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.)

McGill uses the *cote de rendement au collégial (cote r)* rather than CEGEP percentage grades for admission decisions. The *cote r* is a method of comparing and ranking students from CEGEP; it measures how far above or below the class average a student places, with adjustments based on the relative strength of the group.

The current CEGEP profile for the B.Sc.(Nutr.Sc.) is Biology (00UK, 00XU); Chemistry - NYA, NYB, Organic Chemistry I (00UL, 00UM, 00XV); Mathematics - NYA, NYB (00UN, 00UP); Physics - NYA, NYB, NYC (00UR, 00US, 00UT).

Based upon entry with the appropriate DEC, the B.Sc.(Nutr.Sc.) is offered as a 90-credit, three-year program for Nutrition and a 115-credit, three and one-half year program for Dietetics.

Applicants from Other Canadian Provinces

Applicants from provinces other than Quebec and Ontario must hold a high school diploma giving access to university education in their province/territory and have completed Grade 12 Mathematics (pre-calculus); two of: Grade 12 Biology, Chemistry or Physics; Grade 12 English or French (see note below explaining when English or French is required). Consideration will be given to the results for Grade 11 and 12 level courses (regardless of the calendar year in which they were taken), with emphasis on grades obtained in courses most relevant to the intended program of study. Generally speaking, all marks are taken into consideration in determining admission, including those of failed or repeated courses.

If the applicant comes from a school where the language of instruction is English, then Grade 12 English must be included in the academic record. If the applicant comes from a school where the language of instruction is French, then Grade 12 French is required. English and French Second Language courses are not accepted as prerequisites.

Applicants from Ontario

Applicants from Ontario must have completed the Ontario Secondary School Diploma (OSSD), a minimum of six OAC, 4U and/or 4M courses combined. (At least one of: OAC Calculus, OAC Algebra and Geometry, MCB4U or MGA4U; Two different science subjects from the following list: OAC Biology or SBI4U, OAC Chemistry or SCH4U, OAC Physics or SPH4U, OAC or 4U English or French - see note below explaining when English or French is required.)

If the applicant comes from a school where the language of instruction is English, then OAC English or 4U level English or EAE4A must be included in the six courses. If the applicant comes from a school where the language of instruction is French, then OAC French (FRAOA or FLIOA) or 4U level French or English EALOA or EAL4U must be included in the six courses. Please note: English and French Second Language courses are not accepted as prerequisites.

At least four of the six required courses, as well as all prerequisite courses must be taken at the OAC or 4U level. Admissions criteria will focus primarily on the top six OAC, 4U and/or 4M courses (including specified prerequisite courses). Generally speaking, all marks are taken into consideration in determining admission, including those of failed or repeated courses.

Every attempt has been made to report accurately on admission requirements in effect at the time of printing. Given the recent Ontario curriculum reform and the resulting array of new courses, it should be noted that McGill reserves the right to revise its admission requirements without prior notice.

Applicants from U.S. High School Programs

Applicants who are applying on the basis of a high school diploma from a school in the United States must have completed a pre-calculus course in functions, and at least two of biology, chemistry, and physics. Applicants must write College Entrance Examination Board tests including the SAT I and three SAT IIs. SAT IIs must include mathematics and at least one science. ACTs are also acceptable.

Applicants who have completed Advanced Placement Examinations in appropriate subjects with a grade of 4 or better will be granted some advanced standing, up to a maximum of 30 credits.

Students who are accepted on the basis of a high school diploma enter a program which is extended by one year to include the 30 credits which comprise the Freshman Year.

Applicants from Other Countries

The normal basis for review of a file is completion of the credentials which lead to university admission in the applicant's country of study.

Students from the United Kingdom and Commonwealth countries may be admitted if they have completed Advanced Level examinations in chemistry, physics, and mathematics with two B's and one C or better in each, and five appropriate G.C.S.E. subjects at the Ordinary Level, including biology and English.

Advanced Level examination results which are appropriate to the intended program of studies will be assessed for advanced standing and credit when the results are received directly from the appropriate Examination Board. A maximum of 30 credits is granted for Advanced Level papers and a maximum of 10 credits for papers in Mathematics. Credit is normally granted only for grades of C or better.

Students who have a very good academic record in Lower Form VI and excellent results in at least five G.C.S.E. subjects at the Ordinary Level may be considered for admission to a program requiring the completion of a minimum of 120 credits.

For students applying on the basis of the French Baccalaureate, the minimum requirement is the Diploma in Series S in the "Première Groupe" with Mention "assez bien".

Applicants with the International Baccalaureate

Applicants should have completed Higher or Subsidiary Level mathematics and normally two of biology, chemistry, or physics. Ten advanced standing credits may be granted for mathematics and science Higher Level subjects completed within the IB Diploma, up to the maximum of 30 credits, while 6 credits will be given for non-science Higher Level examinations taken as part of the Diploma or for Higher Level Certificate subjects.

Transfer Students

Students wishing to transfer from other universities and colleges are considered for admission on the basis of both their university work and previous studies. A minimum of 60 credits of work must be completed at McGill if a degree is to be granted. Students must also fulfil the requirements of a degree program. Credits are determined only once a formal application and all the necessary supporting documents are received.

Basic science requirements are: two semesters of biology; two semesters of general chemistry, with labs; one semester of organic chemistry; two semesters of physics (including mechanics, electricity and magnetism, and waves and optics), with labs, and one semester in each of differential and integral calculus. A grade of B or better is expected in prerequisite mathematics and science courses.

This same policy is applicable to holders of undergraduate degrees.

Transfer Students – Inter-Faculty

Students wishing to transfer from one faculty to another must complete an inter-faculty transfer form. The deadline for submitting a transfer form for admission to the School is June 1 for admission in September and November 1 for admission in January.

Mature Student Admission

Residents of Canada who will be 23 years of age or older by September 1 (for admission for the fall session) or January 1 (for admission for the winter session) and who lack the academic background normally required for admission may apply for entrance as mature students. Individuals interested in being considered for entrance under this policy should contact the Student Affairs Office for complete details.

8.3 Academic Information and Regulations

Students in the B.Sc.(Nutr.Sc.) programs are governed by the rules and regulations of the Faculty of Agricultural and Environmental Sciences, excerpts of which are given below. Additional information regarding the credit and grading system, examination regulations, withdrawal policies, etc. is contained in the Faculty and General University Information sections of the *Undergraduate Programs Calendar* which is sent to accepted applicants with their offer of admission.

8.3.1 Academic Credit Transfer

Transfer of credits (maximum of 30) based on courses taken at other institutions before entrance to this Faculty is made by the Admissions Committee prior to entrance.

Transfer of credits may be made for work at other educational institutions during a student's attendance at McGill University. Permission to apply such credits to a McGill program must be secured by the student from the Academic Adviser of their program before the work is undertaken. Forms are available in the Student Affairs Office (Macdonald Campus). Grades obtained in such courses do not enter into calculations of grade point averages (GPA) in this Faculty.

Exemption from a Required or Complementary course on the basis of work completed at another institution must be approved by both the Academic Adviser and the instructor of the appropriate McGill course.

Full-time students may, with the written permission of the Associate Dean (Student Affairs) of the Faculty, register for 3 credits, or exceptionally 6 credits, in each semester at any university in the province of Quebec. These courses successfully completed with a minimum grade of C (according to the standards of the university giving the course), will be recognized for the purpose of the degree but the grades obtained will not enter into calculations of GPA in this Faculty.

8.3.2 Standing

The program for the degree with a Major in Nutrition will normally be completed in three academic years or six semesters (following the Freshman Year, if one is required). The degree with a Major in Dietetics will normally be completed in three and one-half academic years or seven semesters. For the purpose of student classification, the years will be termed U1, U2 and U3.

- U1 to be used during the first 12 months following each admission to a degree program in which the student is required to complete 72 or more credits at the time of admission.
- U2 to be used for all students who are not U1 or U3.
- U3 to be used during the session in which it is expected the student will qualify to graduate.

Academic Advisers

Before registration, all students must select a Major program of study. They must consult with the Academic Adviser of their chosen program for the selection and timetabling of Required, Complementary, and Elective courses. The Academic Adviser will continue to act in this capacity during the whole of the student's studies in the Faculty, with the exception of Freshmen who have a separate Freshman Adviser.

8.3.3 Degree Requirements

To be eligible for a degree, students must have passed all required and complementary courses and also any specified electives recommended by their Adviser. They must have accumulated at least 90 credits for the Nutrition Major and at least 115 credits for the Dietetics Major including four levels of professional formation. At least 60 credits must be taken at McGill. A CGPA of at least 2.5 is required for graduation.

8.4 Academic Programs

8.4.1 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.

	CREDITS
Required Courses - Fall	14.5
AEBI 120 General Biology	3.0
AEMA 101 Calculus 1	3.0
AEPH 112 Introductory Physics 1	4.0
AGRI 195* Freshman Seminar 1	0.5
FDSC 230 Organic Chemistry	4.0
Required Courses - Winter	12.5
AEMA 102 Calculus 2	4.0
AEPH 114 Introductory Physics 2	4.0
AGRI 196* Freshman Seminar 2	0.5
FDSC 110 Inorganic Chemistry	4.0
Elective - Winter	3.0
Elective	3.0
AEBI 202 Cellular Biology must be substituted for students in programs in the B.Sc.(Nutr.Sc.) degree.	
ABEN 103 Linear Algebra must be substituted for students in the B.Eng.(Bioresource) degree.	
Total Credits	30.0
* AGRI 195 and AGRI 196 are required for all freshmen, excluding Bioresource Engineering students who must take BREE 187 Freshman Seminar 1 and BREE 188 Freshman Seminar 2 and are optional for Dietetics and Nutrition students who may substitute an elective.	

8.4.2 Major in Dietetics

Academic Advising Coordinator: Linda Jacobs Starkey,
Ph.D., RD, FDC

Graduates are qualified for challenging professional and leadership positions related to food and health, as dietitians, nutritionists and food administrators. The designations "Dietitian" and "Nutritionist" are indicators of reserved titles and reserved acts in the province of Quebec. As clinical nutritionists, dietitians may work in health-care settings and food service centres, nutrition counselling centres, clinics and private practice. As community nutritionists, dietitians are involved in nutrition education programs through school boards, sports centres and local and international health agencies. The dietitian in the food service sector participates in all aspects of management to assure quality food products. Postgraduate programs are available to qualified graduates. The duration of the program is three and one-half years.

Successful graduates are qualified for membership in Dietitians of Canada and the Ordre professionnelle de diététistes du Québec. Forty weeks of supervised professional experience in clinical and community nutrition and food service systems management are included.
(Currently under revision).

Required Courses: 100 credits

Note: The School firmly applies prerequisite requirements for registration in all required courses in the Dietetics Major. All required and complementary courses must be passed with a minimum grade of C.

Complementary Courses: 6 credits

Electives: 9 credits to meet the minimum credit requirements for the degree.

	CREDITS
Term 1	15
AGEC 242 Management Theories and Practices	3

FDSC 211 Biochemistry 1	3
NUTR 207 Nutrition and Health	3
NUTR 214 Food Fundamentals	3
One Elective or Complementary (see list below)	3
Term 2	16
ANSC 234 Biochemistry 2	3
MICR 230 Introductory Microbiology	3
NUTR 208* Stage in Dietetics 1	1
NUTR 217 Application: Food Fundamentals	3
Two Electives or Complementaries (see list below)	6
Summer	3
NUTR 209* Professional Practice Stage 1B	3
Term 3	17
AEMA 310 Statistical Methods 1	3
AGEC 343 Accounting and Cost Control	3
ANSC 323 Mammalian Physiology	4
ANSC 330 Fundamentals of Nutrition	3
NUTR 322 Applied Sciences Communications	2
NUTR 345 Food Service Systems Management	2
Term 4	16
ANSC 424 Metabolic Endocrinology	3
NUTR 310* Stage in Dietetics 2A	1
NUTR 337 Nutrition Through Life	3
NUTR 344 Clinical Nutrition 1	4
NUTR 346 Quantity Food Production	2
One Elective or Complementary (see list below)	3
Summer	5
NUTR 311* Stage in Dietetics 2B	5
Term 5	17
NUTR 403 Nutrition in Society	3
NUTR 445 Clinical Nutrition 2	5
NUTR 446 Applied Human Resources	3
NUTR 450 Research Methods: Human Nutrition	3
One Elective or Complementary (see list below)	3
Term 6	12
NUTR 409* Stage in Dietetics 3	8
NUTR 436 Nutritional Assessment	2
NUTR 438 Interviewing and Counselling	2
Term 7	14
NUTR 510* Professional Practice - Stage 4	14
Two Complementary Courses are to be selected from the following, as specified:	
3 credits of Human Behavioural Science courses chosen from: NUTR 301 (3) Psychology or equivalent course from another faculty.	
3 credits from the social sciences: AGEC 200 (3) Principles of Microeconomics AGEC 230 (3) Agricultural and Food Marketing ENVR 201 (3) Society and Environment ENVR 203 (3) Knowledge, Ethics and Environment RELG 270 (3) Religious Ethics and the Environment or equivalent courses from another faculty.	
Elective Courses:	
The following courses most often fit the timetable; elective choice is not limited to these courses.	
FDSC 200 (3) Introduction to Food Science	
FDSC 212 (3) Bioseparation Techniques	
FDSC 251 (3) Food Chemistry 1	
FDSC 425 (3) Principles of Quality Assurance	
NUTR 420 (3) Toxicology and Health Risks	
NUTR 430 (3) Directed Studies: Dietetics and Nutrition 1	
NUTR 451 (3) Analysis of Nutrition Data	
NUTR 501 (3) Nutrition in Developing Countries	
NUTR 503 (3) Bioenergetics and the Lifespan	
NUTR 511 (3) Nutrition and Behaviour	

NUTR 512 (3) Herbs, Foods and Phytochemicals

* Successful completion of all component parts of each level of Stage (Professional Practice) in Dietetics courses is a prerequisite for the next level and must be passed with a minimum grade of C. Undergraduate registration is restricted to students in the Dietetics Major, CGPA greater than or equal to 2.50. Visiting students must contact the Academic Advising Coordinator (Dietetics) regarding course registration eligibility.

Students are reminded that ethical conduct on Professional Practice (Stage) rotations is required. The Faculty reserves the right to require the withdrawal of any student at any time if it (Faculty) feels the student has displayed unprofessional conduct or demonstrates incompetence.

A compulsory immunization program exists at McGill which is required for Dietetics students to practice. Students should complete their immunization before arriving at Macdonald Campus; medical/health documentation must be received prior to commencement of Stage.

8.4.3 Major in Nutrition

Academic Advising Coordinator: Kristine G. Koski,
Ph.D., RD (USA)

This Major covers the many aspects of human nutrition and food and gives first, an education in the scientific fundamentals of these disciplines and second, an opportunity to focus in (a) nutritional biochemistry and metabolism, (b) global nutrition issues, (c) food function, product development and safety and/or (d) sports nutrition. Graduates are qualified for careers in pharmaceutical and/or food industries or government laboratories, the health science communications field, sports clinics and national or international food support programs. Graduates often continue on to further studies preparing for careers in research, medicine, and dentistry or as specialists in nutrition. Aside from working as university teachers and researchers, postgraduates may be employed by government and health protection agencies, in world development programs or in the food sector.

(Currently under revision).

Required Courses: 54 credits

All required courses must be passed with a minimum grade of C.

Complementary Courses: 15/16 credits

Electives: 17/18 credits to meet the minimum credit requirement for the degree. Reciprocal agreement allows all students to take a limited number of electives at any Quebec university. With prior approval students can take electives at any Canadian or international university.

	CREDITS
Required Courses:	54
Term 1	
FDSC 211 Biochemistry 1	3
FDSC 212 Bioseparation Techniques	2
NUTR 207 Nutrition and Health	3
NUTR 214 Food Fundamentals	3
Term 2	
ANSC 234 Biochemistry 2	3
MICR 230 Introductory Microbiology	3
FDSC 251 Food Chemistry 1	3
Term 3	
ANSC 323 Mammalian Physiology	4
NUTR 322 Applied Sciences Communication	2
AEMA 310 Statistical Methods 1	3
FDSC 305 Food Chemistry 2	3
Term 4	
ANSC 424 Metabolic Endocrinology	3
NUTR 337 Nutrition Through Life	3
NUTR 344 Clinical Nutrition 1	4

Term 5

NUTR 420 Toxicology and Health Risks	3
NUTR 450 Research Methods: Human Nutrition	3
NUTR 451 Analysis of Nutrition Data	3
NUTR 512 Herbs, Foods, and Phytochemicals	3

Complementary Courses: 15/16

One of the following courses:

NUTR 307 Human Nutrition	3
or ANSC 330 Fundamentals of Nutrition	3
And one of the following sets of 12/13 credits.	12/13

Nutritional Biochemistry: 13

ANSC 551 Carbohydrate & Lipid Metabolism	3
ANSC 552 Protein Metabolism & Nutrition	3
CELL 204 Genetics	4
PARA 438 Immunology	3

Global Nutrition: 12

AGRI 340 Principles of Ecological Agriculture	3
NRSC 340 Global Perspectives on Food	3
NUTR 403 Nutrition in Society	3
NUTR 501 Nutrition in Developing Countries	3

Food Function and Safety: 12

FDSC 300 Principles of Food Analysis	3
FDSC 315 Separation Techniques in Food Analysis	3
FDSC 319 Food Commodities	3
FDSC 425 Principles of Quality Assurance	3

Sports Nutrition: 12

ANAT 214 Systemic Human Anatomy	3
or EDKP 205 Structural Anatomy	3
EDKP 391 Physiology in Sport & Exercise	3
EDKP 495 Scientific Principles of Training	3
NUTR 503 Bioenergetics and the Life Span	3

8.4.4 Minor in Human Nutrition

MINOR IN HUMAN NUTRITION

Academic Adviser: Linda Wykes, Ph.D.

The Minor in Human Nutrition is intended to complement a student's primary field of study by providing a focused introduction to the metabolic aspects of human nutrition. It is particularly accessible to students in Biochemistry, Biology, Physiology, Anatomy and Cell Biology, Microbiology and Immunology, Animal Science or Food Science programs. The completion of 24 credits is required, of which at least 18 must not overlap with the primary program. All courses must be taken in the appropriate sequence and passed with a minimum grade of C. Students may declare their intent to follow the Minor program at the beginning of their U2 year. They must then consult with the Academic Adviser for the Human Nutrition Minor in the School of Dietetics and Human Nutrition to obtain approval for their course selection. Since some courses may not be offered every year and many have prerequisites, students are cautioned to plan their program in advance.

The Minor program does not carry professional recognition; therefore, it is not suitable for students wishing to become nutritionists or dietitians. However, successful completion may enable students to qualify for many postgraduate nutrition programs.

Required Courses: 6 credits

Complementary Courses: 18 or 19 credits

CREDITS

Required Courses: 6

NUTR 337 Nutrition Through Life	3
NUTR 450 Research Methods: Human Nutrition	3

Complementary Courses: 18 or 19

3 credits in biochemistry, one of:

ANSC 234 (3) Biochemistry 2	
BIOC 311 (3) Metabolic Biochemistry	

3 or 4 credits in physiology, one of:

- ANSC 323 (4) Mammalian Physiology
PHGY 210 (3) Mammalian Physiology 2
PHGY 202 (3) Human Physiology: Body Functions

3 credits in nutrition, one of:

- ANSC 330 (3) Fundamentals of Nutrition
NUTR 307 (3) Human Nutrition

8 or 9 credits from the following list:

- ANSC 551 (3) Carbohydrate and Lipid Metabolism
ANSC 552 (3) Protein Metabolism and Nutrition
MIMM 314 (3) Immunology
or PARA 438 (3) Immunology
NUTR 403 (3) Nutrition in Society
NUTR 451 (3) Analysis of Nutrition Data
NUTR 436 (2) Nutritional Assessment
NUTR 420 (3) Toxicology and Health Risks
NUTR 512 (3) Herbs, Foods and Phytochemicals
NUTR 501 (3) Nutrition in Developing Countries
NUTR 430 (3) Directed Studies: Dietetics and Nutrition 1
or NUTR 431 (3) Directed Studies: Dietetics and Nutrition 2
PATH 300 (3) Human Disease

Notes:

- Most courses listed at the 300 level and higher have prerequisites. Although instructors may waive prerequisite(s) in some cases, students are urged to prepare their program of study well before their final year.
- Some courses may not be offered every year. For information on available courses, consult Class Schedule at www.mcgill.ca/minerva; complete listings can be found in the Courses section of this Calendar.

8.5 Courses

All pre- and co-requisites in a course sequence leading to a more advanced course must be successfully completed before registration will be permitted in the advanced course.

‡ Successful completion of all components parts of each level of Professional Practice (Stage) in Dietetics is a prerequisite for the next level. All required and complementary courses listed in semesters prior to or with a Stage are pre-requisites for that level.

Undergraduate registration is restricted to students in the Dietetics Major, CGPA greater than or equal to 2.50. Visiting students contact the Advising Coordinator regarding eligibility for specific courses.

The course credit weight is given in parentheses after the title. Term(s) offered (Fall, Winter, Summer) may appear after the credit weight to indicate when a course would normally be taught. Please check the Class Schedule to confirm this information.

★ Denotes courses taught only in alternate years.

8.5.1 Nutrition and Dietetics

● **NUTR 200 CONTEMPORARY NUTRITION.** (3) (Summer) (Restriction: Not open for credit to students with a biology or chemistry course in their program, or to students registered in the School of Dietetics and Human Nutrition, or to students who take NUTR 207) Provides students without a biology/chemistry background with the fundamental tools to critically assess nutrition related information, to evaluate their own diets, and to implement healthy changes. Emphasis is on current issues and maximizing health and disease prevention at different stages of the lifecycle.

NUTR 207 NUTRITION AND HEALTH. (3) (Fall) (3 lectures) (Corequisites: BIOL 401 or FDSC 230) (Restriction: Not open to students who take NUTR 200 or NUTR 307 or who have taken PHGY 311 or BIOC 311) (Restriction: Science students in physical science and psychology programs who wish to take this course should see

the Arts and Science Student Affairs Office for permission to register.) Provides students who have a basic biology/chemistry background with the fundamental information on how macronutrients, vitamins and minerals are metabolized in the body, followed by application to evaluate current issues of maximizing health and disease prevention at different stages of the lifecycle.

‡ **NUTR 208 STAGE IN DIETETICS 1.** (1) (Winter) (Prerequisites: all Required courses in Term 1 of the Dietetics Major.) (Corequisites: All Required courses in Term 2 of the Dietetics Major) (Restriction: Dietetics Major or Special Students (professional credentialing)) Introduction to the dietetics profession; principles and policies in food and nutrition essential to entry-level dietetics experiences; practice in dietary interviewing, problem solving and report writing related to Level 1 Professional Practice placements.

● ‡ **NUTR 209 PROFESSIONAL PRACTICE STAGE 1B.** (3) Directed, supervised experiences in nutrition services and food service operations management; integration into the professional team.

NUTR 214 FOOD FUNDAMENTALS. (3) (Fall) (2 lectures and one 4-hour lab) (Prerequisite: FDSC 230 or corequisite with instructor's permission.) (Corequisite FDSC 211.) Study of composition, structure and chemical and physical properties of foods. To understand the scientific principals underlying chemical and physical phenomena that occur during the preparation of food. Laboratory emphasis on developing skills in handling and preparing food, and food assessment by sensory evaluation.

NUTR 217 APPLICATION: FOOD FUNDAMENTALS. (3) (Winter) (2 lectures and one 4-hour lab) (Prerequisite: NUTR 214) A more intensive study of food and complex food mixtures, including their chemical and physical properties. Learning how to control the changes that take place during the preparation of food to obtain palatable, nutritious and safe food. An introduction to culturally determined food habits. Laboratory emphasis on acquiring new knowledge and application to basic food preparation and cooking principles.

NUTR 301 PSYCHOLOGY. (3) (Fall) (2 lectures and 1 conference) A study of the general characteristics of physical, social, emotional and intellectual development, the psychology of learning, and the growth and development of personality.

● **NUTR 307 HUMAN NUTRITION.** (3) (Fall) (Prerequisites: BIOL 201 or AEBI 202, CHEM 212 or FDSC 230 or permission of the instructor.) (Restriction: Not open to students who have taken ANSC 330) (3 lecture hours) Cellular and organismal aspects of nutrition with emphases on biochemical and physiological roles of carbohydrates, lipids, proteins, minerals and vitamins in disease prevention and promotion of optimal health.

‡ **NUTR 310 STAGE IN DIETETICS 2A.** (1) (Winter) (One 2-hour conference/week) Human food intake assessment and evaluation will be practised including modules on dietary interviewing, nutrition education teaching plans and documentation for the medical record. Practical aspects of health and food service administration will be addressed.

‡ **NUTR 311 STAGE IN DIETETICS 2B.** (5) (Summer: 7 weeks) Two interrelated modules of directed experience in normal and clinical nutrition and foodservice management, in health care settings and the private sector.

NUTR 322 APPLIED SCIENCES COMMUNICATION. (2) (Fall) (2 lectures, 1 lab) (Prerequisite: Completion of 15 credits in a B.Sc. program) The principles and techniques of communicating applied sciences to individuals and groups in both the professional and public milieu. Effective public speaking and group interaction techniques. Communication materials selection, development, use, and evaluation. Writing for the media. Balancing risk and reason in communicating scientific findings.

NUTR 337 NUTRITION THROUGH LIFE. (3) (Winter) (3 lectures, 1 conference) (Prerequisite: ANSC 330 or NUTR 307) Emphasis on 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 SYSTEMS MANAGEMENT. (2) (Fall) An introductory course applying the principles of organizational management within the healthcare foodservice industry. Emphasis on understanding standards of quality control, customer relations and sanitation. Budget preparation, scheduling and cost control as well as menu preparation, recipe standardization and costing.

NUTR 346 QUANTITY FOOD PRODUCTION. (2) (Winter) (Prerequisite: NUTR 345) Quantity food planning, costing, and evaluation. Laboratory experience with quantity food production following principles of food sanitation and safety, food quality and cost-evaluation.

NUTR 403 NUTRITION IN SOCIETY. (3) (Fall) (3 hour conference) (Prerequisite: NUTR 337) Sociocultural and economic influences on food choice and behaviour; health promotion and disease prevention through nutrition, particularly in high risk populations; the interaction of changing environment, food availability and quality as they affect health.

‡ **NUTR 409 STAGE IN DIETETICS 3.** (8) (Winter: 10 weeks) Four interrelated modules of directed experience in clinical nutrition, foodservice management, normal nutrition education and community nutrition, in health care settings and the private sector.

● **NUTR 420 TOXICOLOGY AND HEALTH RISKS.** (3) (Fall) (3 lectures) (Prerequisite: FDSC 211, BIOL 201 or BIOC 212) (Restriction: This course is not open to students who have taken NUTR 361) Basic principles of toxicology, health effects of exposure to environmental contaminants such as heavy metals, pesticides and radionuclides and ingestion of food toxicants such as food additives and preservatives; natural toxins in plants and marine foods, human health, ecosystem health, safety evaluation, risk assessment, and current Canadian regulations.

NUTR 430 DIRECTED STUDIES: DIETETICS AND NUTRITION 1. (3) (Fall and Winter) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

NUTR 431 DIRECTED STUDIES: DIETETICS AND NUTRITION 2. (3) (Fall or Winter) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

NUTR 431D1 (1.5), NUTR 431D2 (1.5) DIRECTED STUDIES: DIETETICS AND NUTRITION 2. (Students must register for both NUTR 431D1 and NUTR 431D2.) (No credit will be given for this course unless both NUTR 431D1 and NUTR 431D2 are successfully completed in consecutive terms) (NUTR 431D1 and NUTR 431D2 together are equivalent to NUTR 431) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

NUTR 432 DIRECTED STUDIES: DIETETICS AND NUTRITION 3. (3) (Fall and Winter) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

NUTR 433 DIRECTED STUDIES: DIETETICS AND NUTRITION 4. (5) (Fall or Winter or Summer) (Limited enrolment) (Prerequisite: registration in NUTR 409 or equivalent.) (Restriction: students in the Dietetics Major or documentation of requirement for professional registration) An individualized course of study in dietetics and

human nutrition not available through other courses in the School. Emphasis will be placed on application of foods and nutrition knowledge, analytic and synthesis skills, and time management. A written agreement between student and instructor must be made before registration. A "C" grade is required to pass the course.

NUTR 436 NUTRITIONAL ASSESSMENT. (2) (Winter) (Prerequisite: NUTR 337) (2 lectures) An intense 4-week course focused on resolving clinically based case studies. The objectives: to develop skills in clinical problem solving, learn principles and methods for assessing the nutritional status of patients and to become skilled at interpreting clinical data relevant to assessing nutritional status and prognosis of hospitalized patients.

NUTR 438 INTERVIEWING AND COUNSELLING. (2) (Winter) (Two 2-hour conferences) (Prerequisite: NUTR 344 and NUTR 311) Theories of behaviour change. Techniques and skills as applicable to the dietitian's role as communicator, interviewer, counsellor, educator, motivator and nutrition behaviour change specialist.

NUTR 445 CLINICAL NUTRITION 2. (5) (Fall) (Two 2.5-hour lectures) (Prerequisite: NUTR 344 and ANSC 424) Clinical nutrition intervention for gastrointestinal and liver disease, hypermetabolic states, diabetes mellitus, renal disease and inborn errors of metabolism, enteral/parenteral nutrition management.

NUTR 446 APPLIED HUMAN RESOURCES. (3) (Fall) (3 lectures, 1 conference) (Prerequisite: AGECE 242) The management of people at work. Employee development and the leadership role. The nature of collective bargaining, the role of unions and management.

NUTR 450 RESEARCH METHODS: HUMAN NUTRITION. (3) (Fall) (2 lectures, 3 hours research, 4 hours other) (Prerequisite: NUTR 337, AEMA 310 or BIOL 373) Introduction to methods of clinical, community, international, and laboratory-based nutrition research. Lectures, readings and assignments will cover basic research concepts. Students undertake a computer directed literature search and analysis.

NUTR 451 ANALYSIS OF NUTRITION DATA. (3) (Fall) (Prerequisite: NUTR 337.) (Corequisite: NUTR 450) An applied course in analysis and interpretation of nutrition data sets. Introduction to specialized dietary and anthropometric computer programs. Written and oral presentation of results.

Graduate courses available to undergraduate students at the U3 level, with permission of instructor. Note: not all graduate courses are offered each year.

NUTR 501 NUTRITION IN DEVELOPING COUNTRIES. (3) (Fall) (2 lectures and one seminar) (Prerequisite: For undergraduate students, consent of instructor required) This course will cover the major nutritional problems in developing countries. The focus will be on nutrition and health and emphasize young children and other vulnerable groups. The role of diet and disease for each major nutritional problem will be discussed.

NUTR 503 BIOENERGETICS AND THE LIFESPAN. (3) (Fall) (Prerequisites: Undergraduate Basic Biochemistry (3 credits), Undergraduate Mammalian Physiology (EDKP 331 or PHGY 202 or PHGY 210 or ANSC 323), Undergraduate Introductory Nutrition (EDKP 392 or NUTR 207 or NUTR 307).) Multidisciplinary approach that integrates principles of bioenergetics with nutrition through the lifespan.

NUTR 510 PROFESSIONAL PRACTICE - STAGE 4. (14) (Fall: 16 weeks) (Prerequisite: NUTR 409) (Restrictions: Not open to students who have taken NUTR 410. Undergraduate registration is restricted to students in the Dietetics Major, CGPA greater than, or equal to 2.50.) Interrelated modules of directed experience in clinical nutrition, foodservice management, nutrition education and community nutrition, in health care setting and in the private sector.

NUTR 511 NUTRITION AND BEHAVIOUR. (3) (2 lectures and one seminar) (Prerequisite: NUTR 445 for undergraduate students or 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.

8.5.2 Courses Offered by Other Units

Given below are descriptions of courses offered by other units within the Faculty which form part of the B.Sc.(Nutr.Sc.) as required, Complementary or commonly used Elective Courses. For additional courses in Agricultural and Environmental Sciences, please see the *Undergraduate Programs Calendar*. McGill University Calendars are available on the Web (www.mcgill.ca/courses).

● **BREE 251 MICROCOMPUTER APPLICATIONS.** (3) (3 lectures and one 2-hour lab) (Restriction: Not open to students who have taken ABEN 251.) A user level computing course oriented toward the use of microcomputers rather than programming. Networks, Windows, FTP, web searching, e-mail, word processing, web pages, spreadsheets, slide shows, and other uses.

AEMA 310 STATISTICAL METHODS 1. (3) (Two 1.5-hour lectures and one 2-hour lab) Measures of central tendency and dispersion; binomial and Poisson distributions; normal, chi-square, Student's t and Fisher-Snedecor F distributions; estimation and hypothesis testing; simple linear regression and correlation; analysis of variance for simple experimental designs.

AGEC 200 PRINCIPLES OF MICROECONOMICS. (3) (Fall) (3 lectures) The field of economics as it relates to the activities of individual consumers, firms and organizations. Emphasis is on the application of economic principles and concepts to everyday decision making and to the analysis of current economic issues.

● ★ **AGEC 201 PRINCIPLES OF MACROECONOMICS.** (3) (Winter) (3 lectures) (Prerequisite: AGEC 200 or equivalent) The overall economic system, how it works, and the instruments used to solve social problems. Emphasis will be on decision-making involving the entire economic system and segments of it.

● **AGEC 230 AGRICULTURAL AND FOOD MARKETING.** (3) (Winter) (3 lectures) (Prerequisite: AGEC 200 or equivalent) Marketing principles and practices, their relationship to the agriculture-food system, and the economic impact on all segments of this system. Emphasis on the application of marketing principles in problem-solving and in developing marketing and communication skills of the individual.

AGEC 231 ECONOMIC SYSTEMS OF AGRICULTURE. (3) (Winter) (3 lectures) (Prerequisite: AGEC 200 or equivalent) The structure and organization of Canada's agriculture-food system, the operation, financing, linkages, and functions of its components. Focus to be on management of the various components and the entire system, types of problems confronted now and in the future.

AGEC 242 MANAGEMENT THEORIES AND PRACTICES. (3) (Fall) (3 lectures) An introduction to contemporary management theories and practices in organizations of the food sector.

AGEC 343 ACCOUNTING AND COST CONTROL. (3) (Fall) (3 lectures) An introduction to the basic principles and concepts of responsibility accounting and cost control, analysis and utilization of financial statements and control system data for decision making.

AGRI 340 PRINCIPLES OF ECOLOGICAL AGRICULTURE. (3) (3 lectures and one 2-hour seminar) (Restriction: Not open to students who have taken AGRI 250) Focus on low-input, sustainable, and organic agriculture: the farm as an ecosystem; complex system theory; practical examples of soil management, pest control, integrated crop and livestock production, and marketing systems.

ANAT 214 SYSTEMIC HUMAN ANATOMY. (3) (Fall) (2 hours lectures, 2 hours practical tutorial) (Restriction: Open to students in biological sciences) Introduction to the gross anatomy of the various organ systems of head, neck and trunk regions of the human body. Practical tutorials include studies of prepared specimens, use of the anatomical museum and audio-visual materials. This course is limited in size. Selection of students (other than those requiring the course as part of their program) will be made after the first lecture. (Admission is guaranteed for all students enrolled in programs in the Department of Anatomy and Cell Biology for which ANAT 214 is a required course.

ANSC 234 BIOCHEMISTRY 2. (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 211) Metabolism in humans and domestic animals. The chemistry of alimentary digestion, absorption, transport, intermediary metabolism and excretion.

ANSC 323 MAMMALIAN PHYSIOLOGY. (4) (Fall) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 211 and one of the following; ANSC 250 or AEBI 202 or equivalent) A study of the organization, functions and regulation of various organ systems in mammals. The nervous, endocrine, muscular, cardiovascular, respiratory, urinary, digestive and reproductive systems are discussed.

ANSC 330 FUNDAMENTALS OF NUTRITION. (3) (Fall) (3 lectures) (Prerequisite: FDSC 211, ANSC 234 (ANSC 234 pre-req applies to students in B.Sc. Nutritional Sciences only).) A discussion of the nutrients; water, carbohydrates, lipids, proteins, minerals and vitamins, with particular emphasis on their functions in and essentially for the animal organism.

ANSC 424 METABOLIC ENDOCRINOLOGY. (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: ANSC 323) A detailed study of the endocrine system and its role in the maintenance of homeostasis in higher vertebrates, including the endocrine regulation of energy balance.

ANSC 551 CARBOHYDRATE AND LIPID METABOLISM. (3) (Winter) (3 lectures) Comparative aspects of nutrition and metabolism of carbohydrate and lipid from the cellular level through the multi-organ of the whole organism. Main topics will include biothermodynamics, calorimetry, cellular metabolism and functions of carbohydrate and lipid, digestion, absorption and utilization of dietary carbohydrate and lipid.

ANSC 552 PROTEIN METABOLISM AND NUTRITION. (3) (Fall) (3 lectures) Comparative aspects of nutrition and metabolism of amino acids and proteins from the cellular level on through the multisystem operation of the whole organism. Main topics include cellular metabolism and functions of amino acids and proteins, digestion, absorption and utilization of dietary protein. Comparison between farm animals and humans.

BIOC 311 METABOLIC BIOCHEMISTRY. (3) (Fall) (Prerequisites: BIOL 200, BIOL 201 or BIOC 212, CHEM 222) The generation of metabolic energy in higher organisms with an emphasis on its regulation at the molecular, cellular and organ level. Chemical concepts and mechanisms of enzymatic catalysis are also emphasized. Included: selected topics in carbohydrate, lipid and nitrogen metabolism; complex lipids and biological membranes; hormonal signal transduction.

CELL 204 GENETICS. (4) (3 lectures, one 3-hour lab, one 1-hour tutorial) The course integrates classical, molecular and population genetics of animals, plants, bacteria and viruses. The aim is to understand the flow of genetic information within a cell, within families and in populations. Emphasis will be placed on problem solving based learning. The laboratory exercises will emphasize the interpretation of genetic experimental data.

▲ **EDKP 205 STRUCTURAL ANATOMY.** (3) Skeletal, muscular and nervous system are examined anatomically and physiologically within the realm of how they interact to generate and apply the forces which permit man's mobility.

▲ **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) (Prerequisite: EDKP 395.) 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, motor ability, obesity and energy balance.

ENVR 201 SOCIETY AND ENVIRONMENT. (3) (Fall) (Section 001: Downtown Campus) (Section 051: 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”.

ENVR 203 KNOWLEDGE, ETHICS AND ENVIRONMENT. (3) (Fall - Macdonald Campus; Winter - Downtown) (Section 001: Downtown Campus) (Section 051: 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 INTRODUCTION TO FOOD SCIENCE. (3) (Fall) (3 lectures) (This course is scheduled for video-conferencing.) This course enables one to gain an appreciation of the scope of food science as a discipline. Topics include introductions to chemistry, processing, packaging, analysis, microbiology, product development, sensory evaluation and quality control as they relate to food science.

FDSC 211 BIOCHEMISTRY 1. (3) (Fall) (3 lectures) (Corequisite: FDSC 230) Biochemistry of carbohydrates, lipids, proteins, nucleic acids; enzymes and coenzymes. Introduction to intermediary metabolism.

FDSC 212 BIOSEPARATION TECHNIQUES. (3) (Fall) (1 lecture, 1 lab) (Prerequisite: FDSC 211 or permission of instructor.) (Corequisite: FDSC 211 or permission of instructor.) Techniques for isolating, purifying and characterizing the major classes of biomolecules; proteins, enzymes, carbohydrates and lipids in agricultural produce are explored. Experimental techniques include the preparation of buffer solutions, salt and solvent fractionations, centrifugation, chromatographic separations, electrophoresis, spectrophotometry, iodometric titrations, and thin layer chromatography.

FDSC 251 FOOD CHEMISTRY 1. (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 211) A study of the chemistry and functionality of the major components comprising food systems, such as water, proteins, carbohydrates and lipids. The relationship of these components to food stability will be studied in terms of degradative reactions and processing.

FDSC 300 PRINCIPLES OF FOOD ANALYSIS. (3) (Fall) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 251 or permission of instructor.) (Corequisite: FDSC 251 or permission of instructor.) The fundamentals of food analysis are presented with the emphasis on the major components of foods. Topics include: food components, sampling, method selection, official methods, proximate analysis, moisture, protein, fat, ash, fiber, carbohydrates, vitamins and nutraceutical compounds.

FDSC 305 FOOD CHEMISTRY 2. (3) (Fall) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 251) A study of the chemistry and functionality of the minor components comprising food systems, such as enzymes, anthocyanins, carotenoids, additives, vitamins and essential oils. The relationship of these components to food stability in terms of degradative reactions and processing.

FDSC 310 POST HARVEST FRUIT AND VEGETABLE TECHNOLOGY. (3) (Fall) (3 lectures and one 3-hour lab) The post harvest chemistry and physiology of horticultural crops as they affect quality and marketability, handling methods pre and post harvest, principles and practices in cooling, storage, transportation and packaging.

FDSC 315 SEPARATION TECHNIQUES IN FOOD ANALYSIS. (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 300 or permission of instructor.) A detailed treatment on the principal chromatographic and electrophoretic techniques that are associated with the analysis of carbohydrate, lipid, protein constituents of food.

FDSC 319 FOOD COMMODITIES. (3) (Winter) (2 lectures and one 3-hour lab) (Prerequisite: FDSC 251 or permission of instructor) The relationship between the chemistry of food constituents present in common commodities, such as milk, meat, eggs, cereals, oilseeds etc. and the common processing technologies associated with their transformation into stable food products.

FDSC 334 ANALYSIS OF FOOD TOXINS AND TOXICANTS. (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 213 or permission of instructor.) Toxins and toxicant residues in food including heavy metals, persistent organic pollutants (POPS) and microbial toxins are explored from an analytical perspective; new methods and strategies of analysis are emphasized.

● **FDSC 425 PRINCIPLES OF QUALITY ASSURANCE.** (3) (Winter) (3 lectures) (Prerequisite: AEMA 310) The principles and practices required for the development, maintenance and monitoring of systems for food quality and food safety. The concepts and practices of Hazard Analysis Critical Control Point; ISO 9000; Total Quality Management; Statistical Sampling Plans, Statistical Process Control; Tools of Quality; Government Regulations.

MICR 230 INTRODUCTORY MICROBIOLOGY. (3) (Winter) (3 lectures and one 3-hour lab) The occurrence and importance of microorganisms (especially bacteria) in the biosphere. Principles governing growth, death and metabolic activities of microorganisms. An introduction to the microbiology of soil, water, plants, food, man and animals.

● ★ **NRSC 340 GLOBAL PERSPECTIVES ON FOOD.** (3) (Winter) (3 lectures) (Prerequisite: A 200-level course in food science, food resources or dietetics, or permission of instructor.) Issues of community and global change in relation to environment and the production of food. Contrasts between developed and developing countries will highlight impacts of colonialism, political structures, and cultural systems related to gender, class and ethnicity.

PARA 438 IMMUNOLOGY. (3) (3 lectures per week) (Prerequisite: AEBI 202 or permission of instructor) An in-depth analysis of the principles of cellular and molecular immunology. The emphasis of the course is on host defense against infection and on diseases caused by abnormal immune responses.

PATH 300 HUMAN DISEASE. (3) (Winter) (Prerequisites: BIOL 200, BIOL 201 or BIOC 212, PHGY 209. Pre-/co-requisite: PHGY 210) Provides a fundamental understanding of the diseases prevalent in North America, for upper level students in the biological sciences. Includes: general responses of cells and organ systems to injury; assessment of individual diseases by relating the causes, symptoms, diagnosis, treatment and prevention to the primary biological abnormalities in each disorder.

● **PHGY 201 HUMAN PHYSIOLOGY: CONTROL SYSTEMS.** (3) (Fall) (3 hours lecture weekly) (Prerequisites: collegial courses in biology or anatomy, and in chemistry and physics; with CHEM 212 or equivalent, as a pre-/co-requisite) (Restriction: For students in Physical and Occupational Therapy, Nursing, and others with permission of the course coordinator) (Restriction: Not open to students who have taken PHGY 209) Physiology of body fluids, blood, nerve and muscle, peripheral nerves, central nervous system, special senses, autonomic nervous system, defense mechanisms.

PHGY 202 HUMAN PHYSIOLOGY: BODY FUNCTIONS. (3) (Winter) (3 hours lecture weekly) (Prerequisites: collegial courses in biology or anatomy and in chemistry and physics; with CHEM 212 or equivalent, as a pre-/co-requisite) (Restriction: For students in Physical and Occupational Therapy, Nursing, Education, and others with permission of the course coordinator) (Restriction: Not open to students who took 552-201 in 1976-77 or earlier, or PHGY 210) Physiology of the cardiovascular, respiratory, excretory,

endocrine, and digestive systems; organic and energy metabolism; nutrition; exercise and environmental stress.

PHGY 209 MAMMALIAN PHYSIOLOGY 1. (3) (Fall) (3 hours lectures weekly) (Prerequisites: as for PHGY 201 and PHGY 202. Pre-/co-requisites: BIOL 200, BIOL 201 or BIOC 212) (Restriction: Not open to students who have taken PHGY 211 or PHGY 201) (Restriction: For students in the Faculty of Science, and other students by permission of the instructor) The course covers the physiology of body fluids, blood, body defense mechanisms, peripheral and central nervous system, muscle. Students must be prepared to attend evening (19:00 - 20:00) class tests.

PHGY 210 MAMMALIAN PHYSIOLOGY 2. (3) (Winter) (3 hours lectures weekly) (Prerequisites: as for PHGY 201 and PHGY 202. Pre-/co-requisite: BIOL 200, BIOL 201 or BIOC 212) (Restriction: Not open to students who have taken PHGY 211 or PHGY 202) (Restriction: For students in the Faculty of Science, and other students by permission of the instructor) (Although PHGY 210 may be taken without the prior passing of PHGY 209, students should note that they may have some initial difficulties because of lack of familiarity with some basic concepts introduced in PHGY 209) Physiology of the autonomic nervous system; cardiovascular, respiratory, digestive and renal systems; exercise physiology.

RELG 270 RELIGIOUS ETHICS AND THE ENVIRONMENT. (3) (Fall: Macdonald Campus. Winter: Downtown.) Survey of issues and debates in environmental ethics. The challenge posed to human and religious values by the present ecological crisis and some ethical and religious responses to this challenge, Native American spirituality, Eastern and African religions, ecofeminism and liberation theology will be discussed, as will recent environmental debates concerning technology and large scale development projects. Lectures supplemented by guest speakers and audiovisual presentations.

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