

403rd REPORT OF THE ACADEMIC POLICY COMMITTEE TO SENATE
22nd May and 28th August 2008**I. TO BE APPROVED BY SENATE****(A) NEW TEACHING PROGRAMS****Appendices:** <http://www.mcgill.ca/senate/sectionforsenators/2008-2009senatemeetings/sept172008/>

1) Faculty of Arts

B.A.; Major Concentration in Software Engineering – APPENDIX A

At a meeting on 22nd May 2008, APC reviewed a proposal from the Faculty of Arts for a 36-37-credit B.A.; Major Concentration in Software Engineering which focuses on the techniques and methodology required to design and develop complex software systems. Given the importance of software systems in current IT technology, creation of such a Major Concentration in Software Engineering is justified. This new program will focus on areas of specializations which existing programs provide only a broad introduction to. Submission to CREPUQ's *Commission d'évaluation des projets de programmes (CEP)* for evaluation and to the Ministry of Education, Leisure and Sport (MELS) for approval is not required.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed B.A.; Major Concentration in Software Engineering.

B.A.; Supplementary Minor Concentration in Mathematics – APPENDIX B

At a meeting on 22nd May 2008, APC reviewed a proposal from the Faculty of Arts for an 18-credit B.A.; Supplementary Minor Concentration in Mathematics. This program is designed to give students in the Faculty of Arts the option to take a supplement to the Major Concentration in Mathematics. Combining the Major Concentration and the Minor Concentration in Mathematics will provide students an education equivalent to the Major in Mathematics offered by the Faculty of Science. Submission to CREPUQ's *Commission d'évaluation des projets de programmes (CEP)* for evaluation and to the Ministry of Education, Leisure and Sport (MELS) for approval is not required.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed B.A.; Supplementary Minor Concentration in Mathematics.

2) Faculty of Engineering - **APPENDIX C****General Engineering**

At a meeting on 28th August 2008, APC reviewed a proposal from the Faculty of Engineering for a "General Engineering" first year (30-31 credits) intended for incoming Engineering students from outside Quebec. The curriculum will be similar to that of the first-year (U0) of the Faculty's Bachelor of Engineering programs but for a one-credit course *FACC 100 Introduction to the Engineering Profession*. Admitting a certain percentage of U0 students into a General Engineering first year will have several advantages, such as allowing U0 students to be better informed about the range of B.Eng. programs available, and allowing the Faculty to balance enrolments in over- and under-subscribed B. Eng. Programs. Students will be admitted into one of the B.Eng. programs upon successful completion of the General first year curriculum.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed General Engineering first year for non-Quebec students enrolled in the Faculty of Engineering.

3) Faculty of Medicine -- **APPENDIX D**

M.Sc. in Epidemiology and Biostatistics; Non-Thesis – Epidemiology Stream – Environment

At a meeting on 22nd May 2008, APC reviewed a proposal from the Faculty of Medicine for a 48-credit Environment option in the existing M.Sc. in Epidemiology and Biostatistics; Non-Thesis – Epidemiology Stream. The proposed option is part of a series of Environment options offered in collaboration with the Faculties of Agricultural and Environmental Sciences, Arts, Law, and Science, many of which were approved by Senate in the past year. The new option provides students with an appreciation of the role of science in informed decision-making in the environment sector, and the influence that political, socioeconomic and ethical judgments have. The option is coordinated by the McGill School of the Environment in partnership with participating academic units. It was approved by the Council of Graduate and Postdoctoral Studies on 12th May 2008. Submission to CREPUQ's *Commission d'évaluation des projets de programmes (CEP)* for evaluation and to the Ministry of Education, Leisure and Sport (MELS) for approval is not required.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed M.Sc. in Epidemiology and Biostatistics; Non-Thesis – Epidemiology Stream – Environment option.

4) Faculty of Science – **APPENDIX E**

Ph.D. in Biology; Developmental Biology

At a meeting on 22nd May 2008, APC reviewed a proposal from the Faculty of Science for a new Developmental Biology option in the existing Ph.D. in Biology. The proposed option will allow students to focus on cutting-edge developmental biological questions. It provides a novel rotation style experience for students through three eight-week stages that will take place in three different participating laboratories. The proposed option was approved by the Council of Graduate and Postdoctoral Studies on 12th May 2008. Submission to CREPUQ's *Commission d'évaluation des projets de programmes (CEP)* for evaluation and to the Ministry of Education, Leisure and Sport (MELS) for approval is not required.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed Ph.D. in Biology; Developmental Biology.

(B) CHANGE IN DEGREE DESIGNATION

None.

(C) ACADEMIC PERFORMANCE ISSUES / POLICIES / GOVERNANCE

None.

(D) CREATION OF NEW UNITS / NAME CHANGES / REPORTING CHANGES

None.

(E) INTER-UNIVERSITY PARTNERSHIPS

None.

II. PRESENTED TO SENATE FOR DISCUSSION

None.

III. APPROVED IN THE NAME OF SENATE

(A) DEFINITIONS

None.

(B) Student Exchange Agreements / Contracts (approved by APC)

- **University of Warwick Business School and McGill's Desautels Faculty of Management**

At a meeting on 22nd May 2008, APC reviewed and approved a proposal for a bilateral student exchange program between the University of Warwick Business School and McGill University Desautels Faculty of Management. The University of Warwick, located on the outskirts of Coventry, West Midlands, is regarded as one of Britain's leading universities. Established in 1965, the University was the fifth highest ranked research institution in the UK in the last Research Assessment Exercise. Currently, over 16,000 full-time students are enrolled, of which 7,000 are postgraduates. The Warwick Business School has exchange agreements with 60 institutions worldwide and is a member, as is McGill, of the Partnership in International Management (PIM) network. WBS. It is one of the largest Business Schools in Europe and ranks in the top 1 percent worldwide. International students at WBS come from 136 countries across the world.

- Student Exchange Agreement with **Ben-Gurion University of the Negev**

On 18th June 2008, by email consultation, APC approved a proposal for a bilateral student exchange program between Ben-Gurion University of the Negev and McGill University. Founded in 1969 in Beer-Sheva, Israel, the University of the Negev was renamed in 1973 following the death of Israel's First Prime Minister, David Ben-Gurion, who believed that the future of the country lay in the Negev, a desert area comprising more than 60% of the country. The University has over 17,000 students in the faculties of Humanities and Social Sciences, Natural Sciences, Engineering Sciences, Health Sciences, Management, the Guilford Glazer School of Business and Management, and the Kreitman School of Advanced Graduate Studies. It also comprises the National Institute for Biotechnology in the Negev, the Jacob Blaustein Institute for Desert Research, the Albert Katz International School for Desert Studies and the Ben-Gurion Research Institute for the Study of Israel and Zionism. McGill University had both a general university-wide and Architecture-specific agreement with the Technion – Israeli Institute of Technology (IIT), which was suspended during the 2004-05 cycle because of a DFAIT travel warning and has not since been reactivated. The Three-Year Action Plan on University Student Exchange Agreements has targeted Israel as a geographic priority area.

- Contract with **South China Agricultural University (SCAU)**

On 13th June 2008, by email consultation, APC approved an agreement between McGill's Faculty of Agricultural and Environmental Sciences and South China Agricultural University (SCAU) to provide undergraduate students at SCAU with an opportunity to complete part of their studies in a foreign location, gaining valuable international experience. Through this agreement, SCAU students are expected to become familiar with various aspects of the Canadian agri-food system. Founded in 1908, SCAU is a national comprehensive university with 24 colleges/departments and 36 000 students. Its main campus is in Wushan, Guangzhou. SCAU has grown into a multi-disciplinary, comprehensive university; it takes agricultural sciences as its priority and life sciences as its strength. It has been actively building international academic exchanges and co-operations with other academic institutions worldwide.

- Undergraduate student exchange agreement between the School of Economics and Management, **Tsinghua University** and the McGill University **Desautels Faculty of Management**.

At a meeting on 28th August 2008 APC reviewed and approved a proposal for an undergraduate student exchange between the School of Economics and Management, Tsinghua University in Beijing and the McGill University Desautels Faculty of Management. Established in Beijing in 1911, Tsinghua University is regarded as one of the best and most selective universities in China, consistently attracting almost all of the highest ranking students from

the National College Entrance Exam (the Chinese equivalent to the American SAT). It has a student enrolment of 31 000. Tsinghua University consists of thirteen schools, one of which is the School of Economics and Management (SEM), founded in 1984, the first such school in China and one of the premier business schools in Asia. SEM's partners include the MIT Sloan School of Management, Harvard Business School, HEC in Paris, the Graduate School of Business of Stanford University, etc. The Agreement will be open to undergraduate students only. The Desautels Faculty of Management currently has two student exchange programs in China: Guanghua School of Management, Peking University and Antai College of Economics & Management, Shanghai Jiao Tong University.

- Undergraduate student exchange agreement between **Universidad Torcuato di Tella, School of Business, Buenos Aires, Argentina**, and the McGill University **Desautels Faculty of Management**

At a meeting on 28th August 2008 APC reviewed and approved a proposal for a student exchange agreement between the School of Business, Universidad Torcuato Di Tella, Buenos Aires, Argentina and the McGill University Desautels Faculty of Management, open to undergraduate students only. This is the first such agreement that McGill University has signed with an Argentinean institution. Universidad Torcuato Di Tella (UTDT) is a private, non-profit institution founded in 1991 by the Di Tella Foundation and the Instituto Torcuato Di Tella, with support from the international philanthropic community. The concept of a university of the highest international standards was developed by the University's first dean and the then Argentinean ambassador to the United States, Guido Di Tella. An American university model was adopted for developing a research-based university with small class sizes and professors with international recognition. The university is organized in schools, centres and departments with undergraduate and graduate programs in the humanities and social sciences. It has exchange programs with 56 universities in 21 countries

- Undergraduate student exchange agreement between the **Departamento de Ingenieria de Minas, Universidad de Chile**, and the **Department of Mining and Materials Engineering of McGill's Faculty of Engineering**

At a meeting on 28th August 2008 APC reviewed and approved a proposal for a student exchange agreement between the Departamento de Ingenieria de Minas, Universidad de Chile, Santiago, Chile, and the Department of Mining and Materials Engineering of McGill's Faculty of Engineering, This is the first such agreement that McGill has signed with a Chilean institution. The University of Chile is one of the oldest universities in the Americas. It is an autonomous, public, national institution, a member of the Association of Pacific Rim Universities (APRU) which is a consortium of the 37 leading research universities in the Pacific Rim. McGill University is currently partnered with 12 other APRU universities. The University's origins can be traced back to 1622, when the first university in Chile, Santo Tomás de Aquinas, was founded. Its name was changed twice: in 1738 to Real Universidad de San Felipe and in 1839 to Universidad de Chile, after Chile achieved independence from Spain. It officially opened under that name in 1843. Despite a complete restructuring in 1981, the University remains as Chile's most prestigious university in research, applicant preference and social impact. The Mining Program has international recognition and is well supported by the global mining industry

- Undergraduate student exchange agreement with the **University of Toronto**

At a meeting on 28th August 2008 APC reviewed and approved a proposal for a student exchange agreement between the University of Toronto and McGill University for undergraduate students only (the Canada Exchange Scholars Award Program – CANEX – under which the two universities used to exchange students is now defunct). The University of Toronto is a public research university, the largest in Canada in terms of student enrolment, which consistently places among the leading academic institutions in the world. It and McGill are the only Canadian members of the Association of American Universities.

(C) Other issues

None.

IV. FOR THE INFORMATION OF SENATE

For detailed information please refer to the contents of the SCTP Report to APC on its meetings held on 1st May and 15th May 2008: <http://www.mcgill.ca/appc/sctpreports/>

(A) Moderate Program Revisions (approved by the APC Subcommittee on Courses and Teaching Programs on 17th April 2008 and by CGPS on 12th May 2008). **Revisions were made to the following programs:**

1) Desautels Faculty of Management and Faculty of Law

Joint M.B.A. and B.C.L./LL.B. (138 cr.)

Program revisions:

- many Required Courses deleted;
- many Required Courses added;
- one Required Course title revised;
- Required Courses credit weight decreased;
- Management Elective Courses deleted;
- Management Complementary Courses list added;
- descriptive paragraph added to Management section concerning "Base Camp";
- one Law Complementary Course deleted;
- three Law Complementary Courses added;
- Complementary Courses credit weight increased;
- Law Elective Courses credit weight decreased;
- program credit weight decreased.

2) Desautels Faculty of Management and Faculty of Medicine

M.D./M.B.A. (45 cr.)

Program revisions [to MBA portion only]:

- many Required Courses deleted;
- many Required Courses added;
- one Required Course title revised;
- Required Courses credit weight decreased;
- how Elective Courses to be chosen specified;
- Elective Courses credit weight decreased;
- descriptive paragraph added concerning "Base Camp";
- program credit weight decreased.

(B) Minor Program Revisions (approved by the APC Subcommittee on Courses and Teaching Programs on 1st and 15th May 2008). **Revisions were made to the following programs:**

1) Faculty of Agricultural and Environmental Sciences

Revisions approved by SCTP on 1st May 2008:

B.Eng.(Bioresource); Major in Bioresource Engineering (113 cr.)

B.Sc.(Ag.Env.Sc.); Major in Agricultural Sciences; Ecological Agriculture (90 cr.)

B.Sc.(Ag.Env.Sc.); Major in Agricultural Sciences Internship; Agricultural Biotechnology (96 cr.)

B.Sc.(Ag.Env.Sc.); Major in Agricultural Sciences Internship; Ecological Agriculture (96 cr.)

B.Sc.(Ag.Env.Sc.); Major in Agricultural Sciences Internship; General (96 cr.)

B.Sc.(Ag.Env.Sc.); Major in Agricultural Sciences Internship; International Agriculture (96 cr.)

B.Sc.(Ag.Env.Sc.); Major in Agricultural Sciences Internship; Soil Science (96 cr.)

B.Sc.(F.Sc.); Major in Food Science; Food Science (90 cr.)

Revisions approved by SCTP on 15th May 2008:

M.Sc. in Bioresource Engineering; Non-Thesis - IWRM (47 cr.)

2) Faculty of Arts

Revisions approved by SCTP on 1st May 2008:

B.A.; Honours in Urban Systems (60 cr.)

B.A.; Major Concentration in Geography; Urban Systems (36 cr.)

B.A.; Minor Concentration in Geographic Information Systems (18 cr.)
Master of Social Work (45 cr.)
Master of Social Work; Non-Thesis (45 cr.)

Revisions approved by SCTP on 15th May 2008:

M.A. in Sociology; Non-Thesis – Development Studies (45 cr.)
B.A.; Minor Concentration in Russian Culture (18 cr.)
B.A.; Honours in Russian (60 cr.)
B.A.; Minor Concentration in History and Philosophy of Science (18 cr.)
B.A.; Minor Concentration in World Religions (18 cr.)
B.A.; Major Concentration in World Religions (36 cr.)
B.A.; Major Concentration in Scriptures and Interpretations (36 cr.)
B.A.; Honours in Religious Studies (60 cr.)
B.A.; Minor Concentration in German Literature and Culture in Translation (18 cr.)
B.A.; Minor Concentration in German Literature (18 cr.)
B.A.; Major Concentration in Contemporary German Studies (36 cr.)
B.A.; Major Concentration in German Language and Literature (36 cr.)
B.A.; Honours in German Studies (60 cr.)
B.A.; Joint Honours - German Studies Component (36 cr.)

3) Faculty of Education

Revisions approved by SCTP on 15th May 2008:

Certificate in Education for First Nations and Inuit (60 cr.)
B.Sc.(Kinesiology); Major in General Kinesiology (90 cr.)
B.Sc.(Kinesiology); Major in Applied Kinesiology (90 cr.)
B.Ed. in Kindergarten and Elementary; First Nations and Inuit Studies (120 cr.)
Baccalauréat en enseignement du Français langue seconde (120 cr.)
Concurrent B.Ed. in Music/B.Mus. in Music Education (144/121 cr.)

4) Faculty of Engineering

Revisions approved by SCTP on 15th May 2008:

B.Eng. in Chemical Engineering (111 cr.)
B.Eng.; Honours in Electrical Engineering (109-110 cr.)
B.Eng. in Electrical Engineering (Regular) (109-110 cr.)
B.Eng. in Computer Engineering (107-111 cr.)
B.S.E. (106-114 cr.)
B.Eng. in Mechanical Engineering (Regular) (112 cr.)
B.Eng.; Honours in Mechanical Engineering (112 cr.)
B.Eng. in Materials Engineering (Co-Op) (117-118 cr.)
B.Eng. in Mining Engineering (Co-Op) (119-121 cr.)

5) Faculty of Law

Revisions approved by SCTP on 1st May 2008:

B.C.L./LL.B. (105 cr.)
B.C.L./LL.B.; Major Concentration in International Human Rights and Development (36 cr.)

6) Desautels Faculty of Management

Revisions approved by SCTP on 15th May 2008:

Master of Manufacturing Management (56-57 cr.)

B.Com.; Major in General Management; Organizational Behaviour Concentration (15 cr.)

B.Com.; Major in General Management; Strategic Management Concentration (15 cr.)

7) Faculty of Medicine

Revisions approved by SCTP on 15th May 2008:

Ph.D. in Epidemiology (0 cr.)

Ph.D. in Biostatistics (0 cr.)

M.Sc. in Epidemiology (48 cr.)

M.Sc. in Epidemiology; Non-Thesis (48 cr.)

M.Sc. in Epidemiology; Non-Thesis – Environment (48 cr.)

M.Sc. in Biostatistics (48 cr.)

M.Sc. in Biostatistics; Non-Thesis (48 cr.)

M.Sc. in Rehabilitation Sciences (45 cr.)

Ph.D. in Rehabilitation Sciences (0 cr.)

8) Schulich School of Music

Revisions approved by SCTP on 15th May 2008:

B.Mus.; Major in Music History (92 cr.)

B.Mus.; Honours in Music History (95-96 cr.)

B.Mus.; Major in Composition (96 cr.)

B.Mus.; Honours in Composition (103 cr.)

B.Mus.; Major in Theory (92 cr.)

B.Mus.; Honours in Theory (98 cr.)

B.Mus.; Faculty Program in Music (92 cr.)

B.Mus.; Major in Performance Piano (96 cr.)

B.Mus.; Major in Performance; Organ, Harpsichord, Guitar, Baroque Instruments (96 cr.)

B.Mus.; Major in Performance; Voice (96 cr.)

B.Mus.; Major in Performance; Orchestral Instruments (90 cr.)

B.Mus.; Honours in Performance; Piano (99 cr.)

B.Mus.; Honours in Performance; All Instruments except Piano and Voice (93-99 cr.)

B.Mus.; Honours in Performance; Voice (99 cr.)

B.Mus.; Major in Early Music Performance; Baroque Violin, Viola, Cello, Viola da Gamba, Flute, Recorder, Oboe, Voice, Organ, Harpsichord, Early Brass Instruments, Lute, and Baroque Bassoon (95-97 cr.)

B.Mus.; Honours in Early Music Performance; Baroque Violin, Viola, Cello, Viola da Gamba, Flute, Recorder, Oboe, Voice, Organ, Harpsichord, Early Brass Instruments, Lute, and Baroque Bassoon (101-103 cr.)

B.Mus.; Major in Jazz Performance; Saxophone, Trumpet, Trombone, Drums, Piano, Bass, Voice (98 cr.)

L.Mus. in Piano (95 cr.)

L.Mus. in All Instruments except Piano, Voice and Jazz (95 cr.)

L.Mus. in Voice (101 cr.)

L.Mus. in Jazz Performance (100 cr.)

Artist Diploma in Voice (65 cr.)

Artist Diploma in All Instruments (62 cr.)

B.Mus.; Designated Major Program (92 cr.)

9) Faculty of Science

Revisions approved by SCTP on 15th May 2008:

B.Sc.; Honours in Biochemistry (75 cr.)

B.Sc.; Honours in Chemistry; Materials (74 cr.)

B.A. & Sc.; Major Concentration in Geography; Physical Geography (36 cr.)

B.Sc.; Core Science Component in Geography [Liberal Program] (49 cr.)

B.Sc.; Major in Geography (58 cr.)

B.Sc.; Honours in Geography (66 cr.)

B.Sc.; Major in Earth and Planetary Sciences (66 cr.)

B.Sc.; Honours in Earth Sciences (75 cr.)

B.Sc.; Honours in Planetary Sciences (81 cr.)

B.Sc.; Core Science Component in Earth and Planetary Sciences [Liberal Program] (45 cr.)

(C) NEW COURSES (2 approved by SCTP on 1st May; 37 approved on 15th May 2008)

1) Faculty of Agricultural and Environmental Sciences:	1 (1 st May); 1 (15 th May)
2) Faculty of Arts:	10 (15 th May)
3) Faculty of Education:	1 (15 th May)
4) Faculty of Engineering:	10 (15 th May)
5) Faculty of Law:	1 (1 st May)
6) Faculty of Medicine:	9 (15 th May)
7) Schulich School of Music:	1 (15 th May)
8) Faculty of Science:	5 (15 th May)

(D) COURSE REVISIONS (12 approved by SCTP on 1st May; 69 approved on 15th May 2008)

1) Faculty of Agricultural and Environmental Sciences:	7 (1 st May); 1 (15 th May)
2) Faculty of Arts:	2 (1 st May); 1 (15 th May)
3) Centre for Continuing Education:	1 (1 st May)
4) Faculty of Education:	32 (15 th May)
5) Faculty of Engineering:	11 (15 th May)
6) Faculty of Law:	2 (1 st May)
7) Desautels Faculty of Management:	12 (15 th May)
8) Faculty of Medicine:	4 (15 th May)
9) Faculty of Science:	8 (15 th May)

(E) Program retirements

None

(F) Course retirements (31 approved by SCTP on 1st May; 34 approved on 15th May 2008)

1) Faculty of Agricultural and Environmental Sciences:	3 (1 st May)
2) Faculty of Arts:	2 (15 th May)
3) Faculty of Education:	29 (15 th May)
4) Faculty of Engineering:	1 (15 th May)
5) Faculty of Law:	28 (1 st May)
6) Desautels Faculty of Management:	1 (15 th May)
7) Faculty of Medicine:	1 (15 th May)