Minutes of a meeting of the APPC Subcommittee on Courses and Teaching Programs (SCTP) held Thursday, December 14, 2000 at 3:00 p.m. in Room 609 of the James Administration Building.

PRESENT: Denis Berthiaume, Radan Capek, Martha Crago (Chair), Sam Drury, Jane Everett, William Hendershot, Joan Russell, Cindy Smith (Secretary)

REGRETS: Clara Péron

06.01 The Agenda was approved with the following additions:

- Business Arising: Report from the Faculty of Science [00-SCTP-11-14];
- Other Business: Minor Changes Query and Course Equivalencies.

06.02 The Minutes of the meeting of November 2, 2000 were approved with the following changes:

- Item 05.03, Business Arising, (d) Credit Courses for Teaching Assistants, page 2, second sentence should read: “… Teaching and Learning work in collaboration with departments to review teaching assistantships.”
- Item 05.03, Business Arising, (e) Issues of Over Expansion of Courses and Programs, page 2, third line should read: “… should retire the programs by using …”

06.03 BUSINESS ARISING

(a) Report from the Faculty of Science – 00-SCTP-11-14

Faculty Program

Minor in Education for Science Students (18 cr.) – A response received from Professor Richard Harris, Department of Physics, clarified that this Minor would be an alternative to the Concurrent B.Sc./B.Ed. program, not a route into it. The program description, therefore, does not require any additions.

(b) Report from the Faculty of Law – 00-SCTP-04-42 REVISED

B.C.L./LL.B.; with Honours (18 cr.)
The Chair explained the creation of this new program was necessary for students to complete a fourth year of study to pass certain Bar examinations. The committee noted that international students were required, for visa purposes, to be registered for 12 credits per semester, which would not be the case in this program (students in the final year would only be doing 6 credits worth of courses). This may not be an issue in this particular program (as international students may not take this program), but the Faculty has not addressed this concern (as stated in the original review by SCTP of April 13, 2000). The Faculty should address this issue and respond to SCTP’s concerns. The committee noted that the program explanation was taken directly from minutes of the Faculty’s Curriculum Committee meeting, which is not appropriate and therefore should be rewritten. It was noted that the course list on page 2 of the program lay out only added up to 15 credits but should have added up to 18 credits, which confused the committee. Also on page 2 in the last paragraph, it should be clarified as to the consequence of 120 credits program being less than the National Program of 125 credits. Arabic numerals should be used instead of Roman numerals in course titles.

It should be noted in the program description that the GPA of 3.0 should be maintained by students throughout the Honours program. The committee suggested that Professor Yves-Marie Morissette, Chair of the Curriculum Committee in the Faculty of Law, attend the next SCTP meeting to address these concerns.

B.C.L./LL.B.; with Major (36 cr.)
The committee noted that the program explanation was taken directly from minutes of the Faculty’s Curriculum Committee meeting, which is not appropriate and therefore should be rewritten. The
courses in the other Major programs should be indicated. The committee queried how half of a credit can be taken for a semester. At the top page of the Major lay out it was indicated “Major option” - this should be replaced by just the title of the Major. The credit weight should be indicated for each course listed. It was noted that the program description was not indicated on the proposal form. Any reference to “course baskets” should be removed in program lay outs, as this is not acceptable nomenclature used at the University. It was noted that the 600- and 700-level courses listed would require permission by the Faculty of Graduate Studies and Research to be taken by undergraduate students; this should be clearly indicated. The committee suggested that the Faculty of Law obtain a write-off from the Department which offered the 600- and 700-level courses, to ensure that the undergraduate students would take these graduate-level courses would have the proper background for these courses. It was queried how these courses were selected for this program. The committee suggested that Professor Yves-Marie Morissette, Chair of the Curriculum Committee in the Faculty of Law, attend the next SCTP meeting to address these concerns.

The review of the following new course proposals was deferred until Professor Morissette responds to the committee’s queries:

496-300A,B,C Dispute Resolution Internship (6 cr.);
496-301A,B,C Commercial Law Internship (6 cr.);
496-302A,B,C Int’l. Governance Internship (6 cr.) - title shortened (was +30 characters), as per Christine Gervais, Student Affairs Officer, Faculty of Law;
496-303A,B,C Court Practice Internship (6 cr.);
496-450A,B,C Honours Thesis 1 (3 cr.) – Roman numeral replaced by Arabic numeral in title;
496-451A,B,C Honours Thesis 2 (6 cr.) - Roman numeral replaced by Arabic numeral in title;
496-452A,B,C Honours Thesis 3 (6 cr.) - Roman numeral replaced by Arabic numeral in title.

06.04 FACULTY OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES – 00-SCTP-12-18

Faculty Program

B.Sc.(Agr.); Agricultural Sciences (90 cr.)

The program revisions consisted of: title change from “B.Sc.(Agr.); General Agriculture Major”; course 350-452B was added to the list of Required Courses; courses 352-300B and 373-330A were deleted from the list of Required Courses; course 334-230B was deleted from the list of Complementary Courses, specifically the list “One additional course in Agricultural Economics”; a list of “A minimum of 3 credits, one Agricultural Sciences course from the following: 330-350B, 330-430A, 330-435A, 330-411B” was added to the list of Complementary Courses; and the requirement “Plus a minimum of 21 credits …” listed under Complementary Courses was changed to read: “Plus a minimum of 14 credits …”. The existing title was viewed as pejorative. This revised program corresponds to accreditation standards of the Ordre des Agronomes du Québec. The committee noted that the side-by-side comparison of the program lay out was very well done. These program revisions were approved and this program revision will be forwarded to APPC for information only.

Department of Agricultural Economics

B.Sc.(Agr.); Minor in Entrepreneurship (24 cr.)

This new program is concerned with the genesis and development of entrepreneurial activities in the agri-food and environment sectors. The program consisted of: eight Required Courses. The following revisions were suggested by SCTP on the proposal: the program description should read “This Minor is concerned …” The General Regulations section should be revised as follows: “a) … requirements listed below”; and b) “complete a minimum … and the Minor programs.” The last sentence in point b) “This … in the Major program” should be removed. This new program was approved and it will be forwarded to APPC for discussion once the revised proposal has been received by the SCTP Secretary.
It was queried whether double credit counting was permitted for certificates. The Chair commented that she was not aware of the policy and would look into it and report back to the committee.

334-344A Entrepreneurial Leadership (3 cr.)
This new course was approved.

334-453A Venture Capital Opportunities (3 cr.)
Originally submitted as 334-451A, but the SCTP Secretary noted that this course number was already in use. The new number was provided by Joanne Ten Eyck, Secretary to the Academic Program Committee, Faculty of Agricultural and Environmental Sciences. The committee suggested that the description be revised as follows: “A course … to assist in navigating local …” This new course was approved with these changes.

06.05 FACULTY OF ARTS – 00-SCTP-12-21

Department of Jewish Studies
M.A. in Jewish Studies; Non-Thesis (45 cr.)
The Chair explained that the Graduate Studies Office (GSO of the Faculty of Graduate Studies and Research [FGSR]) received an approval request for this new program. A response from Charlotte Legaré, GSO Director, indicated that this program proposal included several program proposals: one for revisions to the M.A. in Jewish Studies (45 cr.), one for revisions to the M.A. in Jewish Studies Area I – The History of Jewish Interpretation of the Bible (45 cr.), one for revisions to the M.A. in Jewish Studies Area II - East European Jewish Studies (45 cr.), along with the new proposal for the M.A. in Jewish Studies; Non-thesis (45 cr.). Chair’s note: The Chair of the Department should meet with Professor Martha Crago to discuss the program revisions proposed for the M.A. in Jewish Studies; contact Cindy Smith at 1224. The various proposals require GSO approval; therefore, a copy of each proposal with a separate GSO approval request form (partially filled out by the Department) should be submitted to Charlotte Legaré. The complete package should then be resubmitted to SCTP under document number 00-SCTP-12-21 REVISED. The committee suggested that the new non-thesis option be compared to the revised M.A. in Jewish Studies in side-by-side format.

135-699A,B Research in Jewish Studies (3 cr.)
The committee deferred reviewing this course revision until the revised program proposals are resubmitted to SCTP.

Department of History
B.A.; Honours in History (60 cr.)
The program revision consisted of: in the list of Complementary Courses, added to the list of chosen concentrations were Ancient History, Colonialism, War and Society, and deleted from the same list were Jewish History, Migration; therefore, it should now read: “42 credits in the student’s chosen concentration such as Africa/Asia/Latin America; Canada; Europe; North America; Ancient History; or in an approved theme such as Colonialism, History of Medicine, War and Society; …”; and the CGPA paragraph was revised to read: “Students must maintain a 3.3 grade point average in their program courses and must have no less than a “B” in any program course. In addition, and in accordance with Faculty of Arts rules, students must maintain an overall C.G.P.A. of 3.0.” This revised program was approved and it will be forwarded to APPC for information only.

B.A.; Joint Honours in History (36 cr.)
The program revisions consisted of: in the list of Complementary Courses, the course distribution was revised to read: “36 credits in History distributed as follows, 24 credits (minimum) at the 300 level or
above”; the 24 credits requirement was revised to read: “24 credits (minimum) in History in the student’s chosen concentration such as Africa/Asia/Latin America; Canada; Europe; North America; Ancient History; or in an approved theme such as Colonialism, History of Medicine, War and Society; 6 of these credits (minimum) must be seminar credits”; and the CGPA paragraph was revised to read: “Students must maintain a 3.3 grade point average in their program courses and must have no less than a “B” in any program course. In addition, and in accordance with Faculty of Arts rules, students must maintain an overall C.G.P.A. of 3.0.” This revised program was approved and it will be forwarded to APPC for information only.

Humanistic Studies
131-200A,B The Western Humanist Tradition (3 cr.)
The committee reviewed Appendix C, which was attached to the program revision proposal for the B.A.; Major Concentration in Humanistic Studies and was requested for the review of this new course (SCTP meeting of November 30, 2000). As all was in order, the committee approved this new course. This course should be listed in the Calendar and on any departmental Web sites with the new teaching unit. [Secretary’s note: The new teaching unit (131) was supplied by Susan Sharpe, Faculty of Arts, January 5, 2001.]

B.A.; Major Concentration in Humanistic Studies (36 cr.)
The program revisions consisted of: the addition of a list of Required Course (3 cr.), which listed 131-200; Complementary Courses credit weight was reduced from 36 to 33 credits; and the following changes were made to the list of Complementary Courses: “Courses from the list published on the Humanistic Studies website (print version available upon request) will be taken in the following manner”, “12 credits from Social …” was changed to “9 credits from the Humanities”, the asterisk and its legend were removed from the “9 credits, all of … 300-level or above as follows” requirement; and “(b) … concentrations unavailable in other programs” was changed to “(b) … concentrations with the permission of the Humanistic Studies Office”. The program should be listed accurately, with the new teaching unit, in the Calendar and on any departmental Web sites.

The committee noted that it would be impossible for students to take 9 credits of courses at the 300 level in certain areas listed in the program (e.g. Economics and Linguistics), as not enough 300-level courses in these areas were listed. Therefore, it was suggested that the unit review these areas. Professor Hendershot indicated that no Macdonald Campus Natural Sciences courses were listed for the Natural Sciences area. The committee suggested that the unit consider listing some of the Macdonald Campus Natural Sciences courses, as with the new shuttle bus service between the two campuses it was easier to commute between the Macdonald and downtown campuses. This program revision was approved and it will be forwarded to APPC for information only.

B.A.; Minor Concentration in Humanistic Studies (18 cr.)
The program revisions consisted of: the addition of a list of Required Course (3 cr.), which listed 131-200; Complementary Courses credit weight was reduced from 18 to 15 credits; and the following changes were made to the list of Complementary Courses: “Courses from the list published on the Humanistic Studies website (print version available upon request) will be taken in the following manner”, “6 credits from Social …” was changed to “3 credits from Humanities”, the asterisk and its legend were removed from the “and 6 credits, all of … 300-level or above as follows” requirement; and “(b) … concentrations unavailable in other programs” was changed to “(b) … concentrations with the permission of the Humanistic Studies Office”. The program should be listed accurately, with the new teaching unit, in the Calendar and on any departmental Web sites.

The committee noted that it would be impossible for students to take 9 credits of courses at the 300 level in certain areas listed in the program (e.g. Economics and Linguistics), as not enough 300-level courses in these areas were listed. Therefore, it was suggested that the unit review these areas. Professor Hendershot indicated that no Macdonald Campus Natural Sciences courses were listed for the Natural Sciences area. The committee suggested that the unit consider listing some of the Macdonald Campus Natural Sciences courses, as with the
new shuttle bus service between the two campuses it was easier to commute between the Macdonald and downtown campuses. This program revision was approved and it will be forwarded to APPC for information only.

Faculty of Religious Studies
260-337A,B Themes in Buddhist Studies (3 cr.)
This new course was approved.

06.06  **FACULTY OF MEDICINE** – 00-SCTP-12-22

Department of Biomedical Engineering
**Ph.D. in Biomedical Engineering** (0 cr.)
The program revision consisted of: the addition of course 399-700 as a Required Course. This program revision was approved and it will be forwarded to APPC and FGSR for information only.

399-502B BME Modeling & Identification (3 cr.)
It was noted that the administering faculty should not be indicated as the Faculty of Graduate Studies and Research, as this was not the policy for 500-level courses; the offering faculty should also be indicated as the administering faculty for 500-level courses. The committee requested confirmation from the Department that this course would be open to students in other disciplines, and if this was not the case that this be indicated in the restriction. A response should be forwarded to the SCTP Secretary (Cindy Smith; fax: 4768; e-mail: cindy.smith@mcgill.ca). This new course was approved with this change and clarification.

06.07  **FACULTY OF SCIENCE** – 00-SCTP-12-23

Department of Geography
183-210B Global Places and Peoples (3 cr.)
The committee made the following revision to the description: “Introduction … geography. Maps and the making, meanings, and …” This new course was approved with this change.

183-508A Resources, People, and Power (3 cr.)
The committee made the following revision to the description: “Addresses … change. Politics of conservation …”. This new course was approved with this change.

The committee queried if any obsolete courses in the Department would be retired in the near future.

School of Computer Science
The following new courses were approved.
308-304A Object-Oriented Design (3 cr.);
308-423B Data Compression (3 cr.);
308-522A Modelling and Simulation (4 cr.);
308-526B Probabilistic Reasoning and AI (3 cr.) – description was revised to indicate lower case letters at the beginning of the words “networks” and “theory”;

308-562A Computational Biology Methods (3 cr.) – description was revised to read: “Application of … medicine. Techniques for …”;
308-567B Discrete Optimization 2 (3 cr.);
308-646A Computational Perception (4 cr.).

Department of Earth and Planetary Sciences
186-455A Sedimentary Geology (3 cr.)
It was noted that the prerequisite course 186-212 contained the incorrect title; it should read: “Introductory Petrology”. The SCTP Secretary will make this correction to the course Proposal. The description was revised to read as follows: “The origin … rocks. Physical properties of …” This new course was approved with these changes.

186-525B Subsurface Mapping (3 cr.)
The committee voiced concern of having 100% of the course evaluation for a project, and it was suggested that a subset of evaluation consist of presentation. This new course was approved.

186-552A,B Selected Topics 3 (3 cr.)
This new course was approved.

Department of Chemistry
The following new courses were approved:
180-334A Advanced Materials (3 cr.) – the description was revised to read: “The … materials. Topics discussed …”;
180-534A Nanoscience and Nanotechnology (3 cr.);
180-634B Seminar in Advanced Materials (3 cr.).

Department of Physics
The following new courses were approved:
198-334A Advanced Materials (3 cr.) – the description was revised to read: “The … materials. Topics discussed …”;
198-534A Nanoscience and Nanotechnology (3 cr.);
198-634B Seminar in Advanced Materials (3 cr.).

06.08 FACULTY OF ARTS – 00-SCTP-12-24

Faculty Program
African Field Study Semester (15 cr.)
The Chair explained that the University does not have specific nomenclature relevant to this set of courses proposed to be taken in Africa. The committee agreed that the proposed nomenclature was a good idea, even though no definition of a study semester currently existed. SCTP Chair’s note: The Chair will work on a definition of a semester to be presented to the committee along with a revised definition of Complementary Courses. The rationale for this new self-funded study semester was that these courses were offered at Langara University in Africa and it was decided that McGill students who wished to take these courses in Africa should get McGill credits for them. The committee requested that the Faculty of Arts obtain the following write-offs:

- the University Planning Office, as this was a self-funded study semester (see the form in the Course and Program Guidelines on the Web at: www.mcgill.ca/nrcp);
- the Admissions, Recruitment and Registrar’s Office (ARR) [see the form in the Course and Program Guidelines on the Web at: www.mcgill.ca/nrcp];
- consultations from the McGill School of Environment and the Faculty of Science were required; and
- approval signatures from the Faculty of Agricultural and Environmental Science should also appear on the proposal form.

All completed forms should be forwarded to the SCTP Secretary (Cindy Smith; fax: 4768; e-mail: cindy.smith@mcgill.ca) with document number 00-SCTP-12-24 quoted on each document. The committee noted that the date of implementation should be changed to September 2001, as approval can not be obtained for this study semester by January 2001. Professor Drury commented that the Faculty of Science had concern over the issue of quality control for the Independent Studies courses, as it would be taught by non-McGill staff. The Faculty of Arts should address this issue and inform SCTP. SCTP suggested that the courses given in the African Study Semester be given different numbers from the McGill-taught courses.
06.09  **FACULTY OF EDUCATION – 00-SCTP-12-25**

Department of Educational Studies
455-645A,B,C,T Science Writing and Publishing (3 cr.)
The committee noted that this type of course was a good initiative. It was also noted that consultation from the Dean of the Faculty of Science was not included in the submission, and that the Faculty of Education needed to request this information from Science and forward it to the SCTP Secretary (Cindy Smith; fax: 4768; e-mail: cindy.smith@mcgill.ca) and document number 00-SCTP-12-25 should be quoted. The committee queried why Professor Anthony Paré was indicated as one of the responsible instructors as he was not a specialist in this topic. A response should be submitted to the SCTP Secretary. The committee will review this proposal again when all requested information has been received.

06.10  **OTHER BUSINESS**

Minor Changes
The secretary reported the following minor changes for the Faculties of Agricultural and Environmental Sciences, Education, and Science, which were approved. These minor changes will be reported to APPC (and FGSR, if graduate level) for information only.

Faculty of Agricultural and Environmental Sciences
Department of Plant Science
**B.Sc.(Agr.); Plant Science** (90 cr.) - course 334-200A was added to the list of Required Courses; the Required Courses credit weight increased from 46 to 49 credits; course 336-200B was added to the list of Complementary Courses, specifically to the “At least one of” list; course 373-330A was deleted from the list of Complementary Courses, specifically from the “At least one of” list; the Complementary Courses requirement of “6 credits in economics, accounting or management” was replaced with “a minimum of 3 credits selected from the following list: 334-231B, 334-320B, 334-331A, 334-350B”; and the Complementary Courses credit weight was decreased from 21 to 18 credits.

Faculty of Education
Department of Educational and Counselling Psychology
The Chair noted that the Secretary requested Graduate Studies Office [GSO] (Faculty of Graduate Studies and Research) write-offs for program revisions to the Ph.D. in Educational Psychology; Major in School/Applied Child Psychology and the M.A. in Educational Psychology; Non-Thesis, but received a response from Charlotte Legaré that GSO approval requests needed to be submitted by the Department (along with a copy of the revised program proposal). The Department has to provide information on the GSO write-off forms. Therefore, SCTP asked that the Department request the GSO approval and submit to them the form (found on the Web at: www.mcgill.ca/nrcp).

**Ph.D. in Educational Psychology; Major in School/Applied Child Psychology** (0 cr.) - the following was added to the “Additional Entrance Notes: ... An undergraduate Major or Honours degree ... and cognitive psychology, history and systems of psychology, and statistics”; in the list of Complementary Courses the requirement for students in Applied Cognitive Sciences was changed to read: “Students in PhD Major in Applied Cognitive Science choose one of”; course 412-780 was deleted from the list of Complementary Courses, specifically from the list of “Students in other areas choose one of”; and in the list of Complementary Courses the requirement for students in other areas was changed to read: “Students in other PhD Majors must take”;

**M.A. in Educational Psychology; Non-Thesis** (60 cr.) - the following was added to the first listing of Admission Requirements: “Major or Honours ... cognitive psychology, history and systems of psychology, and ...”.
Department of Second Language Education

M.A. in Second Language Education; Non-Thesis (45 cr.) - the program listing was changed to indicate 18 credits instead of 27 credits of courses with the Department and 27 additional credits instead of 18 credits to be taken inside or outside the Department; course 431-664 was added to the list of Required Courses; courses 431-506, 431-604, 431-627, and 431-630 were deleted from the list of Required Courses; the Required Courses credit weight decreased from 18 to 9 credits; the sentence “The following seminars (27 credits) offered by the department” was removed from the list of Required Courses; the requirement indicated in the list of Complementary Courses “Students are required to take 18 additional credits ...” was changed to read: “Students take 27 credits of Elective Courses at the ...” and moved to the list of Elective Courses (27 credits); the list of “Optional additional courses in the Department are” was changed to “Elective courses in the Department:”; courses 431-506, 431-621, 431-627, and 431-630 were added to the list of “Elective Courses in the Department”; course 431-664 was deleted from the list of “Elective courses in the Department”; and the list of “Departmental Seminars” was deleted;

431-604 Reading in SL Research (3 cr.) - retirement;
431-664 SL Research Methods (3 cr.) - title and description changes.

Faculty of Science

Please ensure program credit weight is indicated on the program proposal form. Note some course description revisions done by SCTP. The committee requested a rationale as to why the identically-proposed new course descriptions for 186-550 and 186-551 can not be differentiated. This should be forwarded to the SCTP Secretary (Cindy Smith; fax: 4768; e-mail: cindy.smith@mcgill.ca).

Department of Biology

B.Sc.; Faculty Program in Biology and Mathematics (57 cr.) - asterisks on courses 189-222A,B and 189-223A,B were removed, as was the legend “*students with CEGEP equivalents of these courses must substitute other mathematics courses in consultation with the advisor” - substitute courses can not be listed for Required Courses and the student will obtain information about courses that can be substituted from the adviser; Required Course 308-202A,B was deleted from the list of “Required Mathematics Courses”; “Required Mathematics Courses” credit weight decreased from 21 to 18 credits; a list of “Required Computer Science Courses (3 credits)” was added; course 308-202A,B was added to the list of “Required Computer Science Courses; courses 177-420B, 177-430B, and 177-431A were renumbered to 177-520B, 177-530B, and 177-531A, respectively, in the list of Complementary Courses, specifically the “9 credits selected from” list; and course 189-425A in the list of Complementary Courses, specifically the “and at least 3 credits selected from” list, was renumbered to 189-525A.

Department of Anatomy and Cell Biology

B.Sc.; Faculty Program in Anatomy and Cell Biology (57 cr.) - Complementary Courses 177-416B, 177-420B, 177-430B, 177-431A, and 177-451A in the list of “9 credits selected from biologically oriented courses (BOC) in the following list” were renumbered to 177-516B, 177-520B, 177-530B, 177-531A, and 177-551A, respectively.

School of Computer Science

B.Sc.; Major in Computer Science (60 cr.) - courses 308-304A, 308-423B, 308-522A, 308-526B, 308-562A, and 308-567B were added to the list of Complementary Courses, specifically “15 credits from”;

B.Sc.; Honours in Computer Science (72 cr.) - courses 308-304A, 308-423B, 308-522A, 308-526B, 308-562A, and 308-567B were added to the list of Complementary Courses, specifically “24 credits from”;

B.Sc.; Minor in Computer Science (24 cr.) - courses 308-251A,B, 308-304A, 308-423B, 308-522A, 308-526B, 308-562A, and 308-567B were added to the list of Complementary Courses;
SCTP – December 14, 2000

308-566A Discrete Optimization 1 (3 cr.) - title and description changes; SCTP revised the description by deleting the last sentence: “Students will do … choice.”

Department of Earth and Planetary Sciences

B.Sc.: Honours in Planetary Sciences (81 cr.) – “Required Courses” should be indicated after U1 and U2 and/or U3 lists of courses; course 186-320B was deleted from the list of U1 Required Courses; U1 Required Courses credit weight was reduced from 30 to 27 credits; course 186-320A was added to the list of U2 and/or U3 Required Courses; course 198-251A and its alternative 198-230A were deleted from the list of U2 and/or U3 Required Courses; a list of “3 Complementary credits from” was added, which contained courses 198-251A or 198-230A; and course titles for 186-550A,B, 186-551A,B, and 186-552A,B were revised to indicate Arabic numerals instead of Roman numerals (1, 2, 3, respectively);

B.Sc.: Honours in Earth Sciences (75 cr.) – “Required Courses” should be indicated after U1 and U2 and/or U3 lists of courses; course 186-320B was deleted from the list of U1 Required Courses; “approved Statistics Course” was added to the list of U1 Required Courses; courses 186-320A and 186-455A were added to the list of U2 and/or U3 Required Courses; “approved Statistics Course”, 186-425A, and 186-331C and its alternative 186-341C were deleted from the list of U2 and/or U3 Required Courses; U2 and/or U3 Required Courses credit weight decreased from 36 to 33 credits; and a list of “3 Complementary credits from” was added, which contained courses 186-331C or 186-341C;

B.Sc.: Major in Earth and Planetary Sciences (66 cr.) – “Required Courses” should be indicated after U1 and U2 and/or U3 lists of courses; “approved Statistics Course” was added to the list of U1 Required Courses; course 186-320B was deleted from the list of U1 Required Courses; courses 186-320A, 186-334B, and 186-455A were added to the list of U2 and/or U3 Required Courses; “approved Statistics Course”, 186-425A, and 186-331C and its alternative 186-341C were deleted from the list of U2 and/or U3 Required Courses; a list of “3 Complementary credits from” was added, which contained courses 186-331C or 186-341C; and “Plus 15 Complementary credits” was changed to “Plus 12 Complementary credits from”;

186-330B Earthquakes & Earth Structure (3 cr.) - title change;
186-334B Invertebrate Paleontology (3 cr.) - title change;
186-425B Sediments to Sequences (3 cr.) - title and description changes;
186-435A Geophysical Applications (3 cr.) - title change;
186-482A,B,D Independent Studies 1 (3 cr.) - title and description changes; SCTP revised the new description to read: “Research and/or … Planetary Sciences”;
186-483D Independent Studies 2 (3 cr.) - title and description changes; SCTP revised the new description to read: “Research and/or … environmental topic”;
186-510B Geodynamics andGeomagnetism (3 cr.) – title and description changes;
186-540B Phanerozoic Geology (3 cr.) - title change; WITHDRAWN
186-545B Low Temperature Geochemistry (3 cr.) - title change;
186-546A Diagenesis (3 cr.) - title change;
186-547A High Temperature Geochemistry (3 cr.) - title change;
186-548A Processes of Igneous Petrology (3 cr.) - title change;
186-550A,B Selected Topics 1 (3 cr.) - title, term (from A), and description changes;
186-551A,B Selected Topics 2 (3 cr.) - title, term (from B), and description changes.

McGill School of Environment

Program credit weight must be indicated in item 6.7 on program proposal forms.

B.Sc.; Major in Environment; Water Environments and Ecosystems - Biological Stream (54 to 55 cr.) - the Domain - Complementary Courses list of “3 credits chosen from 177-441 or 177-432 or 349-315” requirement was removed; “or one of the Huntsman Marine Science Centre field courses” was changed to “or equivalent aquatic field course” listed under the Domain - Complementary Courses, “3 credits chosen from” list; “18 to 19 credits from lists A and B below” was added to the list of Domain - Complementary Courses; “9 credits chosen from” was changed to “9 to 12 credits chosen from List A” in the
list of Domain - Complementary Courses, the “or” was removed before course 177-432, courses 177-442 and 177-460 were renumbered to 177-542 and 177-560, respectively, course 177-473 was deleted from this list, courses 177-570, 349-315, and 349-410 were added to this list of Domain - Complementary Courses; and “6 credits chosen from” was changed to “6 to 10 credits chosen from List B”, courses 180-219 or 195-219 and 180-419 or 195-419 were added to this list of Domain - Complementary Courses; and the Domain – Complementary Courses credit weight changed from 33 to 33 to 34 credits;

B.Sc.; Major in Environment; Water Environments and Ecosystems - Physical Stream (54 cr.) - Domain - Complementary Courses 177-442 and 177-460 were renumbered to 177-542 and 177-560, respectively;

B.Sc.; Major in Environment; Ecological Determinants of Health - Population Stream (57 or 58 cr.) - course 177-365 was renumbered to 177-465 in the list of “18 or 19 credits from the following List A” of Domain - Complementary Courses; and course 407-374 was deleted from the list of “9 credit from the following List C” of Domain - Complementary Courses;

B.Sc.; Major in Environment; Ecological Determinants of Health - Cellular Stream (57 or 59 cr.) - course 177-365 was renumbered to 177-465 in the list of “9 credits chosen from List C” of Complementary Courses for Domain;

B.Sc.; Environment; Food Production and Environment (63 or 64 cr.) - courses 177-365 and 177-453 in the list of Complementary Courses, specifically “12 credits of Applied Sciences”, were renumbered to 177-465 and 177-553, respectively;

B.Sc.; Environment; Renewable Resource Management (60 cr.) - in the list of Domain - Complementary Courses the requirement “Statistics or GIS Methods courses” was changed to “Statistics and GIS Methods courses”; and course 177-365 in the list of Domain - Complementary Courses, specifically under the requirement of “Advanced courses on ecological processes” was renumbered to 177-465.

Department of Mathematics and Statistics
189-325A,B Ordinary Differential Eqns (3 cr.) - title and description changes.

Department of Chemistry
180-213B Physical Chemistry 1 (3 cr.) - title and prerequisite changes;
180-365B Statistical Thermodynamics (2 cr.) - title change;
180-511A Radiochemistry (3 cr.) - retirement;
180-623A Organic Stereochemistry (5 cr.) - description change.

Department of Geography
183-408A Geography of Development (3 cr.) - title, term, and description changes.

FOR INFORMATION ONLY:
The Faculty of Science Academic Committee, at its meeting of December 5, 2000, reviewed minor program revisions for the following:

McGill School of Environment
B.A.; Faculty Program in Environment; Ecological Determinants of Health in Society.

SCTP Communications
The Chair requested that the following points of information be shared with the SCTP Faculty Contacts, and that they share this information with departments within their faculty and the Chairs and Secretaries of the
The committee agreed that it was not necessary for the SCTP Secretary to request omitted information on minor change proposals from departments. The committee will be reviewing courses and programs during cyclical reviews and any discrepancies can be verified at that time.

2) The committee would like to communicate to the University community that it is not necessary at this time to shorten existing course titles to 30 characters, as the Chair has recently been informed at a Banner meeting that this would be automatically done through Banner. The Banner Policy Team would, in the future, work with departments to shorten existing course titles and this will be done without the submission of individual course change proposals.

3) The committee preferred to receive a master list of consultations provided for individual course and program proposals from the faculty, instead of receiving a separate consultation form from each department/faculty/professor. This should help to reduce the amount of paper in (and of work involved in preparing) reports submitted to SCTP.

4) Also in the interest of saving paper and paper work, the committee suggested that no outlines or reading lists be submitted to SCTP. The committee indicated that it would request such information only if needed. Writing a clear, well-developed rationale will reduce the need for course outlines.

5) SCTP would like to meet with SCTP Faculty Contacts on February 1, 2001 to ensure that the committee is responsive to faculties’ needs. The SCTP Faculty Contacts can take this opportunity to clarify any information requested by the committee (e.g. consultation reports, ARR or GSO write-offs etc.) and to share any concerns, frustrations, and ideas for change with the committee.

**Equivalency Courses**

The Chair was recently informed that the Banner System coming into effect shortly would be able to confirm course equivalencies. Therefore, SCTP requested a list of equivalency courses from each faculty before February 1, 2001. This information should be circulated to each department within your faculty. Please forward this information to the SCTP Secretary (Cindy Smith; fax: 4768; e-mail: cindy.smith@mcgill.ca).

There being no further business, the meeting adjourned at 5:17 pm.