

Minutes of a meeting of the APPC Subcommittee on Courses and Teaching Programs (SCTP) held **Thursday, November 20, 2003** at 3:00 p.m. in Room 609 of the James Administration Building.

PRESENT: Brian Carrillo, Luc Chouinard, Leah Coutinho, Martha Crago (Chair), Sam Drury, Charlotte Légaré, Cindy Smith (Secretary)

REGRETS: Jim Brawer, Jane Everett, William Hendershot

GUESTS: Associate Dean (Research and Graduate Studies) John Galaty, Faculty of Arts
Professor Dik Harris, Faculty of Science
Associate Dean (Projects and Technology) Uli Locher, Faculty of Arts
Associate Dean (Academic and Student Affairs) Morton Mendelson, Faculty of Science

04.01 The Agenda was approved with the following additions:

- under Business Arising – Report from the Faculty of Arts [03-SCTP-11-11] and Report from the Faculty of Arts [03-SCTP-10-08 REVISED].

04.02 The Minutes of the meeting of November 6, 2003 were approved as circulated.

04.03 **BUSINESS ARISING**

The Chair updated the Committee on the new Freshman Year: Making Modernities (24 cr.) program, which was recently reviewed at APPC. It was not approved, as APPC had important queries that the Faculty of Arts will need to respond to. It was suggested at APPC that the Faculty consider proposing a Minor program that would offer six courses over 4 years. The Faculty of Arts will report back to APPC with their responses.

(a) Report from the Faculty of Arts [03-SCTP-11-11]

Department of History, Classics Program

B.A.; Minor Concentration in Neo-Hellenic Studies (18 cr.)

B.A.; Minor Concentration in Modern Greek Language (18 cr.)

Associate Dean Galaty joined the meeting to respond to SCTP's questions. New programs consist of 18 credits of Complementary Courses. At this time, these programs will be administered under the Dean's Office within the Faculty of Arts because it has yet to be decided which department will administer this program. In response to Dr. Crago's query as to how this program fits into the Faculty's strategic plan for the Faculty of Arts, Associate Dean Galaty indicated that a Chair endowment was created [which will be held by Professor Jacques Bouchard] that is in line with other modern language studies programs. In June 2000, a contract with the Université de Montréal [UdeM] and Concordia University was signed to jointly offer this program and the courses associated with it [courses at all three universities are available to students]. Dr. Jacques Bouchard of UdeM will be teaching half at McGill and half at UdeM and a sessional lecturer will also be teaching some of the McGill courses.

SCTP requested:

- either propose this program as a true interuniversity program, as it appears to be, or have it offered at McGill as it was proposed, in which case it must be ensured that all credits are available at McGill
- if it is to be an interuniversity program, there is no need for more than one university to offer the same subject [e.g., McGill and Concordia both have Introductory Modern Greek listed]
- projected enrolment for this program and what is the projection based on; supply current enrolment numbers for the existing Classics programs for comparison
- list of total pool of instructors teaching courses; it appears Professor Bouchard teaches most courses; explanation as to what will happen if and when he is on sabbatical
- in the B.A.; Minor Concentration in Modern Greek Language, correct number for McGill course Advanced Modern Greek – should be NEOH 335, not NEOH 355
- revised proposal [original plus nine copies] should be submitted to SCTP [quoting document number 03-SCTP-11-11 REVISED]

For review by SCTP

NEOH 350 Transl from Greek to English (3 cr.)

Review of this new course is pending resubmission of the above revised new program proposals.

Review of the minor revisions to the CLAS courses to renumber them to NEOH courses [submitted with these new proposals] was deferred until the resubmission of the revised new program proposals in Neo-Hellenic Studies and Modern Greek Language [see Minor Changes in Other Business].

(b) Report from the Faculty of Arts – 03-SCTP-10-08 REVISED

Associate Deans Locher and Mendelson joined the meeting to discuss the following course revision proposal.

Faculty

ARET 150 Arts Educational Technology (3 cr.)

Course revisions:

- Subject Code change from ACOM
- title
- credit weight increase from 1 cr.
- description

Dr. Crago explained that the Faculties of Arts and Science were not in agreement with this course. In a consultation obtained by the School of Computer Science within the Faculty of Science, it was queried about the academic basis for increasing the credit weight. Professor Locher responded that this course has high enrolments and the 3 credits better reflects the many skills to perfect. Dr. Crago commented that many of the topics in the course can be self taught. In response to Dr. Crago's query whether students in the Faculty of Science could take this course, Associate Dean Mendelson responded that their students would already have this material from their high school computer courses or learn it in laboratory courses.

In response to Professor Drury's query concerning why these course revisions would be in effect for one semester only, Associate Dean Locher explained that the Faculty of Arts is correcting past mistakes concerning this course and this is not the final version of this course. Many consultations from departments within the Faculty of Arts were obtained because these departments would use this course for their students. Madame Légaré commented that these credits cannot count towards a student's program, as this course is not permitted as an elective.

Some alternatives that SCTP suggested that the Faculty of Arts consider:

- consider offering as workshops
- offer during orientation week as "How To's"
- add computer labs to some existing courses to teach these topics

SCTP approved the following revisions: Subject Code change, title change, and description. The credit weight increase was NOT approved, this course should remain at 1 credit, because the material did not warrant 3 credits, it should not be counted towards degree requirements, and the Faculty should consider trimming some of the topics listed. These revisions have an effective term of one semester, after which time the Faculty of Arts should reconsider the offering of this course and the course content.

04.04 **FACULTY OF ENGINEERING** – 03-SCTP-11-12

Department of Civil Engineering and Applied Mechanics

M.Eng. in Civil Engineering (45 cr.)

SCTP requested:

- add to the revised paragraph: "Thesis Option program ... and a minimum of five other courses, at the 500- or 600-level, (17 credits) ..."

Revised program approved with this change and it will be reported to APPC and GPSC for information only;

SCTP secretary will revise proposal

CIVE 662 Masters Research Seminar (1 cr.)

SCTP requested:

- revise administering faculty to read “Graduate Studies”

SCTP’s suggested change:

- revise description to read: “Oral presentation of research topics”

New course approved with these changes; SCTP Secretary will revise proposal

Department of Electrical and Computer Engineering

B.Eng. in Microelectronics Engineering (110 cr.)

The Department submitted revisions to the original submission. *Secretary’s note:* The credit weight increase for course MIME 221 was approved December 12, 2002, but the title is incorrectly indicated; it should read: “Eng Professional Practice.”

SCTP requested:

- the issue of how 700- and 800-level graduate courses at the Université de Sherbrooke has still not been addressed; therefore, the Department should provide SCTP with explanation how undergraduate students who choose options at Université de Sherbrooke will handle graduate courses listed in these options
- confirm course number for École Polytechnique course GBM 615 Biomatériaux et biocompatibilité – there appears to be a number missing
- responses to be forwarded to SCTP Secretary [cindy.smith@mcgill.ca] quoting document number 03-SCTP-11-12 REVISED
- total Complementary Courses on the last page of side-by-side comparison should read “33” not “27”; SCTP Secretary will revise proposal

Secretary’s note: A response received from Associate Dean David Frost, Faculty of Engineering, explained that

the 700- and 800-level courses at the Université de Sherbrooke that undergraduate students would take (during the last two semesters of the program) are specialized courses in a particular area, which are typically at the 700 or 800 levels. Master’s-level courses are also designated at the 700 and 800 levels, but only some of these are open to undergraduate students.

New program approved on behalf of the Committee by SCTP Chair and it will be reported to APPC for discussion

ECSE 405 Antennas (3 cr.)

It was noted that this course was reviewed at the SCTP meeting of October 23, 2003.

SCTP requested:

- rationale as to why a 500-level course also exists with the same description
- explanation as to which clientele is expected for the 400- and 500-level courses
- add restriction “Not open to students who have taken ECSE 593”
- responses to be forwarded to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-12 REVISED

For expedited approval by SCTP Chair

Department of Mechanical Engineering

B.Eng.; Honours in Mechanical Engineering (112 cr.)

SCTP requested:

- wrong program listed in the existing column of the side-by-side comparison, as the Non-Departmental Subjects do not add up to 28 credits, revisions were made to this program within the past year, example: Departmental Course MECH 409 was renumbered to MECH 309 [approved by SCTP March 14, 2002]
- list of Departmental Courses equals 64 credits
- correct errors in existing and proposed columns for title of course MECH 404, should read “Honours Thesis 2”
- in proposed column, second half of span course MECH 403 should read “MECH 403 D2”
- program credit weight appears to be 110 credits, not 112 credits
- revised proposal should be submitted to SCTP, quoting document number 03-SCTP-11-12 REVISED

For expedited approval by SCTP Chair

B.Eng. in Mechanical Engineering (Regular) (112 cr.)

SCTP requested:

- in both the existing and proposed columns, Departmental Course MECH 409 should read MECH 309 [revision approved by SCTP March 14, 2002]

Revised program approved with this change and it will be reported to APPC for information only; SCTP Secretary will revise proposal

MECH 341 Thermodynamics 2 (3 cr.)

Course revision:

- contact hours

Revised course approved: NOTE: Changes to contact hours do not need to be reported to SCTP as long as the course credit weight does not change.

Department of Mathematics and Statistics; Offered by the Faculty of Science

MATH 152 Calculus E (4 cr.)

New course approved

MATH 266 Lin Alg&Boundary Value Probs (4 cr.)

Course revision:

- retirement

Course retirement approved

MATH 271 Linear Algebra and PDEs (3 cr.)

Course revisions:

- number from MATH 266
- title
- prerequisites
- restriction
- credit weight decrease from 4
- description

SCTP requested:

- add course MATH 266 to restriction

Revised course approved with this change; SCTP Secretary will revise proposal

04.05 **FACULTY OF ARTS – 03-SCTP-11-13**

Department of Sociology

SOCI 499 Internship: Sociology (3 cr.)

SCTP requested:

- verification whether this new course will be part of a program or if it will be considered an Elective Course
- response to be forwarded to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-13

SCTP's suggested change:

- revise description to read: "Internship with an approved host institution or organization"

For expedited approval by SCTP Chair

Department of East Asian Studies

EAST 499 Internship: East Asian Studies (3 cr.)

SCTP requested:

- verification whether this new course will be part of a program or if it will be considered an Elective Course
- response to be forwarded to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-13

SCTP's suggested change:

- revise description to read: “Internship with an approved host institution or organization”
For expedited approval by SCTP Chair

International Development Studies

INTD 499 Internship: Intl Develop St (3 cr.)

SCTP requested:

- verification whether this new course will be part of a program or if it will be considered an Elective Course
- response to be forwarded to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-13

SCTP's suggested change:

- revise description to read: “Internship with an approved host institution or organization”
For expedited approval by SCTP Chair

Department of Jewish Studies

JWST 499 Internship: Jewish Studies (3 cr.)

SCTP requested:

- verification whether this new course will be part of a program or if it will be considered an Elective Course
- response to be forwarded to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-13

SCTP's suggested change:

- revise description to read: “Internship with an approved host institution or organization”
For expedited approval by SCTP Chair

Department of History

HIST 195 FYS: Sources of World History (3 cr.)

SCTP requested:

- remove second title, as words may not be added to the title for the Calendar version

SCTP's suggested change:

- revise description to read: “An introduction to the constitutive intellectual traditions of world history”; the remaining information was deleted because it belongs in course outline and not description

New course approved with these changes; SCTP Secretary will revise proposal

HIST 300 Nationalisms in Canada (3 cr.)

New course approved

HIST 499 Internship: History (3 cr.)

SCTP requested:

- verification whether this new course will be part of a program or if it will be considered an Elective Course
- response to be forwarded to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-13

SCTP's suggested change:

- revise description to read: “Internship with an approved host institution or organization”
For expedited approval by SCTP Chair

04.06 **FACULTY OF SCIENCE** – 03-SCTP-11-14

With the Faculty of Education

Concurrent B.Sc./B.Ed.

Professor Harris joined the discussion on the new program proposals pertaining to the Concurrent B.Sc./B.Ed. programs. He described how these proposals are in response to teacher certification requirements being drastically modified by the Ministry of Education of Quebec (MEQ). As the existing B.Sc. portion of the existing Concurrent B.Sc./B.Ed. program does not conform to requirements of the certification process, it is no longer compatible with

the revised B.Ed. in Secondary Education. It is now imperative that the existing B.Sc.; Major in Two Subjects for Teachers be redesigned. Professor Harris explained that the MEQ has decreed the Mathematics discipline to be a separate program, and they have also specified the number of “academic” credits. Students will graduate from these programs with two degrees. These redesigned programs are administratively easier.

The following new programs have been approved and will be reported to APPC for discussion:

Concurrent B.Sc./B.Ed.; Major in Mathematics (135 cr.);
Concurrent B.Sc./B.Ed.; Major Concentration in Biology; Minor in Chemistry for Teachers (135 cr.);
Concurrent B.Sc./B.Ed.; Major Concentration in Chemistry; Minor in Biology for Teachers (135 cr.);
Concurrent B.Sc./B.Ed.; Major Concentration in Chemistry; Minor in Physics for Teachers (135 cr.);
Concurrent B.Sc./B.Ed.; Major Concentration in Physics; Minor in Chemistry for Teachers (135 cr.);
Concurrent B.Sc./B.Ed.; Major Concentration in Biology; Minor in Physics for Teachers (135 cr.);
Concurrent B.Sc./B.Ed.; Major Concentration in Physics; Minor in Biology for Teachers (135 cr.)

SCTP requested:

- retire any existing programs that will become obsolete by these new programs (example: B.Sc.; Major in Two Subjects for Teachers)

The Committee thanked Professor Harris for his participation in this discussion.

School of Computer Science

COMP 563 Molecular Evolution Theory (3 cr.)

SCTP requested:

- valid reason why this course must be approved at this time, otherwise SCTP will defer review until the other new course (COMP 564) and the program revision to reflect these new courses are submitted to SCTP for approval
 - forward response to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-14
- SCTP Chair to review response

Departments of Atmospheric and Oceanic Sciences, Earth and Planetary Sciences, and Geography

ATOC 104 The Earth System (3 cr.)

EPSC 104 The Earth System (3 cr.)

GEOG 104 The Earth System (3 cr.)

SCTP requested:

- clarification whether projected enrolment for each course is 100 or if this figure combines all three courses
- forward response to SCTP Secretary [cindy.smith@mcgill.ca], quoting document number 03-SCTP-11-14

All three new courses approved with this clarification

Department of Biology

Review of the following course proposals was deferred until the program revisions are reviewed. *Secretary's note:* Minor Changes program revisions were submitted, but side-by-side comparisons did not contain credit weight for each course. The Secretary has added this information to the program proposals and they will be reported at the next

SCTP meeting.

BIOL 215 Intro to Ecology and Evolution (3 cr.);

BIOL 329 East African Ecology (3 cr.);

BIOL 435 Natural Selection (3 cr.);

BIOL 534 Theoretical Ecology (3 cr.);

BIOL 569 Developmental Evolution (3 cr.);

BIOL 571 Experimental Evolution/Ecology (3 cr.).

Department of Atmospheric and Oceanic Sciences

ATOC 412 Atmospheric Dynamics (3 cr.)

04.07 New course approved
OTHER BUSINESS

Minor Changes

The Secretary reported the following minor changes from the Faculties of Arts, Engineering, Management, and Science, which were approved as submitted [with some exceptions; see below]. These minor changes will be reported to APPC (and GPSC, if graduate level) for information only.

Faculty of Arts

Department of Jewish Studies

JWST 499D1,D2 Studies in Yiddish Literature (6 cr.) – retirement.

Department of History

Secretary's note: Review of the following minor changes proposals was deferred until the revised new program proposals that they are associated with are resubmitted [see item 04.03 (a)].

NEOH 230D1,D2 Introductory Modern Greek (6 cr.);

NEOH 331 Intermediate Modern Greek Lang (3 cr.);

NEOH 332 Intermediate Modern Greek: Nov (3 cr.);

NEOH 333 Modern Greek Poetry (3 cr.);

NEOH 335 Advanced Modern Greek (3 cr.);

CLAS 230D1,D2 Introductory Modern Greek (6 cr.);

CLAS 331 Intermediate Modern Greek Lang (3 cr.);

CLAS 332 The Modern Greek Novel (3 cr.);

CLAS 333 Modern Greek Poetry (3 cr.);

CLAS 335 Lang & Civ/Mod Greece 2 (3 cr.).

Faculty of Engineering

Department of Chemical Engineering

B.Eng. in Chemical Engineering (111 cr.) – see attached [A];

CHEE 200 Introduction to Chemical Engineering (4 cr.) – contact hours decreased by 1 hour – Lecture remains at 3 hrs; **Note:** SCTP does not need to see change in contact hours if the credit weight does not change;

CHEE 204 Chem Manufacturing Processes (3 cr.) – contact hours – Lecture Increased from 2 to 3 hrs;

CHEE 220 Chemical Engrg Thermodynamics (3 cr.) – contact hours decreased by 3 hrs;

CHEE 314 Fluid Mechanics (4 cr.) – corequisite;

CHEE 340 Process Modelling (3 cr.) – prerequisites;

CHEE 380 Materials Science (3 cr.) – prerequisite, description;

CHEE 393 Project Laboratory 2 (5 cr.) – contacts hours decreased by 1 hr.;

CHEE 455 Process Control (4 cr.) – contact hours;

CHEE 472 Ind Air Pollution Control (3 cr.) – contact hours – Lecture increased from 2 to 3 hrs;

CHEE 474 Biochemical Engineering (3 cr.) – prerequisites, corequisite;

CHEE 481 Polymer Engineering (3 cr.) – prerequisite, corequisite, description;

CHEE 484 Materials Engineering (3 cr.) – description;

CHEE 571 Small Computer Appls: Chem Eng (3 cr.) – contact hours – Lecture increased from 2 to 3 hrs.

Department of Mathematics and Statistics [The following are administered by the Faculty of Engineering]

MATH 260 Intermediate Calculus (3 cr.) – retirement;

MATH 261 Differential Equations (3 cr.) – retirement;

MATH 262 Intermediate Calculus (3 cr.) – number change from MATH 260, restriction, description;

MATH 263 ODEs and Linear Algebra (3 cr.) – number change from MATH 261, title, prerequisite, restriction, description;

MATH 264 Advanced Calculus (3 cr.) – number change from MATH 265, prerequisites, restriction, description;

MATH 265 Advanced Calculus (3 cr.) – retirement;

MATH 270 Applied Linear Algebra (3 cr.) – prerequisite; restriction, description.

Department of Civil Engineering and Applied Mechanics

B.Eng. in Civil Engineering (Regular) (109 cr.);

CIVE 206 Dynamics (3 cr.) – corequisites;

CIVE 208 Civil Engineering Sys Analysis (3 cr.) – corequisites;

CIVE 225 Environmental Engineering (4 cr.) – corequisites;

CIVE 281 Analytical Mechanics (3 cr.) – corequisites;

CIVE 302 Probabilistic Systems (3 cr.) – prerequisites; SCTP requested: change Effective Term of Implementation to 200409;

CIVE 320 Numerical Methods (4 cr.) – prerequisites;

CIVE 327 Fluid Mechanics and Hydraulics (4 cr.) – prerequisites;

CIVE 382 Partial Diff Equations in Engineering (3 cr.) – prerequisites.

Department of Electrical and Computer Engineering

B.Eng. in Computer Engineering (108-111 cr.);

B.Eng.; Honours in Electrical Engineering (108 cr.);

B.Eng. in Electrical Engineering (108-111 cr.);

B.S.E. (108-109 cr.);

ECSE 200 Fundamentals of Electrical Eng (3 cr.) – corequisites;

ECSE 303 Signals & Systems 1 (3 cr.) – prerequisites;

ECSE 351 Electromagnetic Fields (3 cr.) – prerequisites;

ECSE 353 Electromagnetic Fields&Waves (3 cr.) – prerequisites;

ECSE 507 Optimization & Optimal Control (3 cr.) – prerequisites;

ECSE 593 Antennas and Propagation (3 cr.) – prerequisites, description.

Department of Mining, Metals and Materials Engineering

B.Eng. in Materials Engineering (116 cr.);

B.Eng. in Mining Engineering (119 cr.).

Department of Mechanical Engineering

MECH 220 Mechanics 2 (4 cr.) – prerequisites, corequisites;

MECH 309 Numerical Methods (3 cr.) – prerequisites; *Secretary's note*: CIVE 309 has same title;

MECH 315 Mechanics 3 (4 cr.) – prerequisites;

MECH 331 Fluid Mechanics 1 (3 cr.) – corequisites;

MECH 346 Heat Transfer (3 cr.) – prerequisites;

MECH 383 Applied Electronics Instrument (3 cr.) – prerequisites;

MECH 419 Advanced Mechanics of Systems (4 cr.) – prerequisites;

MECH 474 Sel Topics in Oper Research (3 cr.) – prerequisites; *Secretary's note*: title incorrectly indicated on proposal; Department should see Calendar/Banner for accuracy;

MECH 495 Design 3 (3 cr.) – prerequisite, corequisite; description;

MECH 496 Design 4 (3 cr.) – description;

MECH 532 Aircraft Perform,Stabltly&Cntl (3 cr.) – prerequisites; *Secretary's note*: title incorrectly indicated on proposal; Department should see Calendar/Banner for accuracy;

MECH 534 Air Pollution Engineering (3 cr.) – prerequisites;

MECH 557 Mechatronic Design (3 cr.) – prerequisites;

MECH 561 Biomechanics of Musculoskeletal Sys (3 cr.) – prerequisites;

MECH 572 Introduction to Robotics (3 cr.) – prerequisites;

MECH 576 Comp Graphics&Geom Modelling (3 cr.) – prerequisites; *Secretary's note*: title incorrectly indicated on proposal; Department should see Calendar/Banner for accuracy.

Faculty of Management

INSY 635 Telecommunications Management (3 cr.) – title; SCTP requested: revise Effective Date of Implementation to read “Winter 2004” and Offering Faculty should read Management and Administering Faculty should read Graduate Studies;

INSY 638 Data & Database Management (3 cr.) – title; SCTP requested: revise Effective Date of Implementation to read “Winter 2004” and Offering Faculty should read Management and Administering Faculty should read Graduate Studies;

INSY 645 Managing Electronic Commerce (3 cr.) – title; SCTP requested: revise Effective Date of Implementation to read “Winter 2004” and Offering Faculty should read Management and Administering Faculty should read Graduate Studies;

ORGB 632 Mng Teams in Organizations (3 cr.) – title; *Secretary’s note*: proposed title revised [as per Professor Mary Dean Lee of the Faculty of Management], as originally proposed title existed for ORGB 420; Effective Date of Implementation to read “Winter 2004” and Offering Faculty should read Management and Administering Faculty should read Graduate Studies;

ORGB 640 The Art of Leadership (3 cr.) – title; SCTP requested: revise Effective Date of Implementation to read “Winter 2004” and Offering Faculty should read Management and Administering Faculty should read Graduate Studies.

Faculty of Science

Department of Physics

B.Sc.; Joint Major in Physics and Computer Science (66 cr.);

PHYS 340 Electricity and Magnetism (3 cr.) – corequisite.

Department of Biology

BIOL 208 Introduction to Ecology (3 cr.) – retirement;

BIOL 304 Evolution (3 cr.) – prerequisites;

BIOL 305 Animal Diversity (3 cr.) – title, prerequisites, description;

BIOL 307 Behavioural Ecology/Sociobiology (3 cr.) – prerequisites;

BIOL 308 Ecological Dynamics (3 cr.) – number change from BIOL 208, title, prerequisites, restriction, description;

BIOL 331 Ecology/Behaviour Field Course (3 cr.) – prerequisites;

BIOL 334 Applied Tropical Ecology (3 cr.) - prerequisites;

BIOL 351 Biology of Invertebrates (3 cr.) – retirement;

BIOL 437 Advanced Invertebrate Zoology (3 cr.) – retirement;

BIOL 441 Biological Oceanography (3 cr.) – prerequisites;

BIOL 442 Marine Biology (3 cr.) – prerequisites;

BIOL 465 Conservation Biology (3 cr.) – prerequisite;

BIOL 473 Ecology of Aquatic Invertebrates (3 cr.) – retirement;

BIOL 505 Diversity & Systematics Seminar (3 cr.) – prerequisites;

BIOL 518 Adv topics in Cell Biology (3 cr.) title, prerequisites, description; SCTP’s suggested change: revise description to simply read: “Conserved processes in Eukaryotic organisms, including the cytoskeleton, the cell cycle ...”;

BIOL 535 Political Ecology (3 cr.) – retirement;

BIOL 540 Ecology of Species Invasions (3 cr.) – prerequisites;

BIOL 553 Neotropical Environments (3 cr.) – prerequisites;

BIOL 555 Functional Ecology of Trees (3 cr.) – prerequisite, term, description; SCTP requested: remove

second title, as this is for complete titles as they should appear in the Calendar [i.e., elongation of abbreviated words in titles];

BIOL 560 Aquatic Conservation (3 cr.) – retirement;

BIOL 572 Molecular Evolution (3 cr.) – description; SCTP's suggested change: remove last sentence “Topics vary but are likely ...”, as this is information for the course outline;

BIOL 594 Advanced Evolutionary Ecology (3 cr.) – prerequisites.

Department of Atmospheric and Oceanic Sciences

B.Sc.; Minor in Atmospheric Science (18 cr.);

B.Sc.; Major in Atmospheric Science (61 cr.);

B.Sc.; Honours in Atmospheric Science (70 cr.);

B.Sc.; Joint Major in Atmospheric Science and Physics (67 cr.);

Ph.D. in Meteorology [Joint program with UQAM] (0 cr.) – retirement; SCTP requested: the Department needs to retire all courses exclusively associated with this program. SCTP queried: should the following program also be retired by the Department: Ph.D. in Atmospheric and Oceanic Sciences; Concentration McGill/UQAM?

ATOC 215 Oceans, Weather and Climate (3 cr.) – title, description;

ATOC 309 Weather Radars and Satellites (3 cr.) – number from ATOC 414, title, prerequisites, restriction, description;

ATOC 310 Physical Oceanography (3 cr.) – retirement;

ATOC 402 Atmosphere-Ocean Transports (3 cr.) – retirement.

Department of Mathematics and Statistics

MATH 151 Calculus B (4 cr.) – restriction.

School of Computer Science

COMP 208 Computers in Engineering (3 cr.) – description;

COMP 421 Database Systems (3 cr.) – description;

COMP 557 Fundamentals of Comp Graphics (3 cr.) – title, prerequisites;

COMP 577 Distributed Database Systems (3 cr.) – description.

Department of Earth and Planetary Sciences

EPSC 331 Field School 2 (3 cr.) – prerequisites, description;

EPSC 341 Field School 3 (3 cr.) – prerequisites, description; SCTP requested: refine description so that if there is a distinction it will reflect the differentiation from EPSC 331.

The meeting ended at 5:00 pm.