

SCTP meeting date: February 2, 2017

The following course and program proposals have been approved by Fiona Lees, Enrolment Services, on behalf of SCTP. Highlighted text in pink are queries to/information for units.

SECTION A: APPROVED PROGRAMS

Minor and Moderate Revisions

Faculty of Education

B.Sc.(Kinesiology); Major in Kinesiology (90 cr.) – complementary course added. *Rationale:* Increase course choice for students.

B.Sc.(Kinesiology); Honours in Kinesiology (90 cr.) – complementary course added. *Rationale:* Increase course choice for students.

Graduate and Postdoctoral Studies

M.A. in Educational Psychology; Learning Sciences (45 cr.) – description, complementary courses deleted, complementary courses added, how complementary courses chosen revised. *Rationale:* Align course requirements with program focus and outcomes, and limit complementary choices to higher-level courses. *ES Comments/Corrections:* Revise proposed description to indicate program's full title.

M.A. in Education and Society; Mathematics and Science Education (45 cr.) – required courses deleted, required course added, required credits decreased, complementary course deleted, complementary courses added, how complementary courses chosen revised, elective-course section added, elective credits increased. *Rationale:* To enable a more flexible program, which will allow both full- and part-time students to complete course requirements in a timely manner. *SCTP Comments/Corrections:* Delete “graduate-level” from second group of complementary courses, as 500-level courses are undergraduate level that are open to graduate students.

M.A. in Kinesiology and Physical Education (45 cr.) – title and number changed for a complementary course. *Rationale:* Updates to a course.

M.Sc. in Kinesiology and Physical Education (45 cr.) – title and number changed for a complementary course. *Rationale:* Updates to a course.

LL.M. in Law (45 cr.) – credit weight decreased for some required courses, required courses added. *Rationale:* Introducing communication skills to the program, and updates to courses. *SCTP Comments/Corrections:* Course proposals not yet received from Law for these course changes and new courses.

LL.M. in Law; Bioethics (45 cr.) – credit weight decreased for some required courses, required course added, required credits increased, how complementary courses chosen revised, complementary credits decreased. *Rationale:* Introducing communication skills to the program, and updates to courses. *SCTP Comments/Corrections:* Course proposals not yet received from Law for these course changes and new courses; first group of complementary credits should read “3 credits from the following”; adjust second group of complementary credits: “at the 500 level or higher” should read “7 credits at the ...”

LL.M. in Law; Environment (45 cr.) – credit weight decreased for a required course, required credits decreased, complementary courses added, how complementary courses chosen revised, complementary credits increased. *Rationale:* Introducing communication skills to the program, and updates to courses. *SCTP Comments/Corrections:* Course proposals not yet received from Law for these course changes and new courses; revise second group of complementary credits to read “0-6 credits chosen from”; should “or another course at ...” read “or 6 credits at the 500 level or higher recommended...”?

LL.M. in Law; Air and Space Law (45 cr.) – required courses added, required credits increased, credit weight decreased for some complementary courses, how complementary courses chosen revised, complementary credits decreased. *Rationale:* Introducing communication skills to the program, and updates to courses. *SCTP Comments/Corrections:* Course proposals not yet received from Law for these course changes and new courses;

LL.M. in Law; Non-Thesis (45 cr.) – credit weight decreased for some required courses, required courses added. *Rationale:* Introducing communication skills to the program, and updates to courses. *SCTP Comments/Corrections:* Course proposals not yet received from Law for these course changes and new courses.

LL.M. in Law; Non-Thesis - Environment (45 cr.) – required course deleted, required courses added, credit weight decreased for a required course. *Rationale:* Introducing communication skills to the program, and updates to courses. *SCTP Comments/Corrections:* Course proposals not yet received from Law for these course changes and new courses.

SECTION A: APPROVED PROGRAMS

Minor and Moderate Revisions

Graduate and Postdoctoral Studies [continued]

LL.M. in Law; Non-Thesis - Air and Space Law (45 cr.) – required course deleted, required courses added, credit weight decreased for some complementary courses, how complementary courses chosen revised. *Rationale:*

Introducing communication skills to the program, and updates to courses. *SCTP Comments/Corrections:* Course proposals not yet received from Law for these course changes and new courses.

Graduate Certificate in Surgical Innovation (15 cr.) – two alternative required courses added. *Rationale:* Added alternative statistics courses to provide choice to students.

Graduate Diploma in Surgical Innovation (30 cr.) – two alternative required courses added. *Rationale:* Added alternative statistics courses to provide choice to students.

M.Sc. in Experimental Surgery (45 cr.) – description, two alternative required courses added. *Rationale:* Added alternative statistics courses to provide choice to students. *ES Comments/Corrections:* Indicate existing description as “None”; revise proposed description to read “... degree. This program allows ... the creation of novel, ... prototypes ...” or “... creation of a novel, ... prototype used ...”.

M.Sc. in Experimental Surgery; Surgical Education (45 cr.) – required courses deleted, required course added, required credits decreased, complementary courses added, how complementary courses chosen revised, complementary credits increased. *Rationale:* Updates to courses, and added choice of statistics courses.

M.Sc. in Experimental Surgery; Surgical Innovation (45 cr.) - two alternative required courses added. *Rationale:* Added alternative statistics courses to provide choice to students.

Ph.D. in Experimental Surgery (0 cr.) - two alternative required courses added. *Rationale:* Added alternative statistics courses to provide choice to students.

Desautels Faculty of Management

B.Com.; Major in General Management; Concentration in Managing for Sustainability (15 cr.) – complementary courses added. *Rationale:* Updates to program material.

B.Com.; Major in Managing for Sustainability (39 cr.) – complementary course added, how complementary courses chosen revised. *Rationale:* Updates to program material and a typo corrected.

Faculty of Science

B.Sc.; Major in Geography (58 cr.) – description, required courses deleted, required credits decreased, complementary courses added, how complementary courses chosen revised, complementary credits increased. *Rationale:* Updates to courses and program content. *SCTP Comments/Corrections:* Existing description needs to be included in box 6.0.

B.Sc.; Major in Atmospheric Science (62 cr.) – complementary course deleted, complementary courses added, program note added. *Rationale:* Updates to courses and program content.

B.Sc.; Honours in Atmospheric Science (72-74 cr.) – program credit weight revised, complementary courses added, how complementary courses chosen revised, complementary credits revised, program note added. *Rationale:* Updates to courses and program content.

B.Sc.; Minor in Atmospheric Science (18 cr.) – required courses deleted, required credits decreased, complementary courses added, how complementary courses chosen revised, program note added, complementary credits increased. *Rationale:* Updates to courses and program content.

B.Sc.; Major in Biology; Quantitative Biology (73 cr.) – required courses deleted, required courses added, how required courses chosen revised, required group headings revised, required credits increased, complementary courses deleted, complementary courses added, how complementary courses chosen revised, complementary credits decreased. *Rationale:* Better organize the program and updates to courses.

B.Sc.; Honours in Biology; Quantitative Biology (79 cr.) – required courses deleted, required courses added, how required courses chosen revised, required group headings revised, required credits increased, complementary courses deleted, complementary courses added, how complementary courses chosen revised, complementary credits decreased, program notes revised. *Rationale:* Better organize the program and updates to courses.

SECTION A: APPROVED PROGRAMS

Minor and Moderate Revisions

Faculty of Science [continued]

B.Sc.; Major in Biology and Mathematics (76 cr.) – required courses deleted, required courses added, required group headings revised, how required courses chosen revised, required credits increased, complementary courses deleted, how complementary courses chosen revised, complementary credits decreased. *Rationale:* Better organize the program and updates to courses. *ES Comments/Corrections:* Cannot change category of program to “Joint Major” – this will require a new code and it causes problems on the transcript. Currently, all other Joint Majors do not put the word Joint in the description as this does not display correctly on the student transcript, nor is it essential to convey the joint nature of the programs. Revise how 18 credits of BIOL, NEUR, PHGY, PHYS, PSYC courses to be chosen so it reads “18 credits (if 3 credits BIOL research course was selected) or 15 credits (if 6 credits BIOL research course was selected) of BIOL ...”

B.Sc.; Major in Computer Science and Biology (63-74 cr.) – program credit weight revised, description, required courses deleted, required courses added, how required courses chosen revised, required group headings revised, required credits decreased, program note deleted, complementary courses deleted, complementary courses added, how complementary courses chosen revised, complementary credits increased. *Rationale:* Better organize the program and updates to courses. *ES Comments/Corrections:* Revise proposed description - “Program requirements” paragraph to read “... selected by U0 (Freshman) students ...”; cannot change category of program to “Joint Major” – this will require a new code and it causes problems on the transcript. Currently, all other Joint Majors do not put the word Joint in the description as this does not display correctly on the student transcript, nor is it essential to convey the joint nature of the programs.

B.Sc.; Honours in Computer Science and Biology (66-77 cr.) – program credit weight decreased, description, required courses deleted, required courses added, how required courses chosen revised, required group headings revised, required credits decreased, program note deleted, complementary courses deleted, complementary courses added, how complementary courses chosen revised, complementary credits increased. *Rationale:* Better organize the program and updates to courses. *ES Comments/Corrections:* Revise proposed description - “Program requirements” paragraph to read “... selected by U0 (Freshman) students ...”; should the second sentence under the “Computer Science Block” indicated as “All COMP ..” be removed? Cannot change category of program to “Joint Honours” – this will require a new code and it causes problems on the transcript. Currently, all other Joint Honours do not put the word Joint in the description as this does not display correctly on the student transcript, nor is it essential to convey the joint nature of the programs.

B.Sc.; Major in Environment; Earth Sciences and Economics (66 cr.) – required course deleted, required course added, complementary courses deleted, complementary courses added, how complementary courses chosen revised, complementary group headings revised. *Rationale:* Updates to courses. *ES Comments/Corrections:* Correct Domain required-course credits in both existing and proposed columns to read “21”.

B.Sc.; Major in Neuroscience (65 cr.) – description, complementary courses deleted, complementary courses added, how complementary courses chosen revised. *Rationale:* Relevant courses added and updates to courses. *ES Comments/Corrections:* Indicate the existing description – add as an attachment; in proposed description, why is “but not both” kept for MATH 141 OR MATH 151 – should it also be removed? The use of asterisks singly and multiply is confusing. Turn the text about CEGEP equivalents into a “Note:” and use the asterisks for notes about course selection.

B.Sc.; Honours in Neuroscience (74 cr.) – description, program notes revised, complementary courses deleted, complementary courses added, how complementary courses chosen revised. *Rationale:* Relevant courses added and updates to courses. *ES Comments/Corrections:* Use asterisks instead of plus signs.

B.Sc.; Major in Physiology and Mathematics (79 cr.) – program credit weight increased, required courses deleted, required courses added, required group headings added, required credits increased, complementary courses deleted, complementary courses added, how complementary courses chosen revised, complementary credits decreased. *Rationale:* Better organize the program and updates to courses. *ES Comments/Corrections:* Cannot change category of program to “Joint Major” – this will require a new code and it causes problems on the transcript. Currently, all other Joint Majors do not put the word Joint in the description as this does not display correctly on the student transcript, nor is it essential to convey the joint nature of the programs.

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SECTION A: APPROVED PROGRAMS

Minor and Moderate Revisions

Faculty of Science [continued]

B.Sc.; Major in Physiology and Physics (82 cr.) – program credit weight increased, required courses deleted, required courses added, how required courses taken revised, required credits increased, complementary courses deleted, complementary courses added, complementary group headings deleted, complementary credits decreased. *Rationale:* Better organize the program and updates to courses. *ES Comments/Corrections:* Cannot change category of program to “Joint Major” – this will require a new code and it causes problems on the transcript. Currently, all other Joint Majors do not put the word Joint in the description as this does not display correctly on the student transcript, nor is it essential to convey the joint nature of the programs.

Retirements

Faculty of Science

B.Sc.; Major in Earth and Planetary Sciences (66 cr.). *Rationale:* Program title changed in 2015 and the last cohort has completed this program.

B.Sc.; Honours in Earth Sciences (75 cr.). *Rationale:* Program title changed in 2015 and the last cohort has completed this program.

SECTION B: APPROVED COURSES

New

School of Continuing Studies

CEAP 671 Selected Topics in Comm 1 (1 cr.) [PRN 11605]. *ES Comments/Corrections:* Indicate Administering Faculty/Unit as “Continuing Education”, as GPS does not administer SCS graduate-level courses;

CEAP 672 Selected Topics in Comm 2 (1 cr.) [PRN 11848]. *ES Comments/Corrections:* Indicate Administering Faculty/Unit as “Continuing Education”, as GPS does not administer SCS graduate-level courses.

Faculty of Engineering

MECH 559 Eng. Systems Optimization (3 cr.) [PRN 11872]. Affected programs indicated;

URBP 541 Selected Topics in Planning (1 cr.) [PRN 11874]. Affected program indicated.

Faculty of Medicine

FMED 511 Int to Art in Hlthcare:MkgArtAc (1 cr.) [PRN 12066]. Affected program indicated;

FMED 615 Appl Know Trans & Exch in Hlth (1 cr.) [PRN 12064]. Affected program indicated;

EPIB 634 Fundamentals of Pharmacoepidem (3 cr.) [PRN 11733]. Affected programs revised – see January 5, 2017.

Faculty of Science

ATOC 404 Climate Physics (3 cr.) [PRN 11846]. Affected programs revised.

PHYS 329 Stat Physics w/ Biophys Appl (3 cr.) [PRN 11924]. Affected programs revised. *ES Comments/Corrections:* Title abbreviations revised; revise effective date to 201709 to coincide with program revisions proposals;

PHYS 404 Climate Physics (3 cr.) [PRN 11844];

BIOL 219 Intro to Phys Bio of the Cell (4 cr.) [PRN 11699]. Affected programs revised. *ES Comments/Corrections:* Transcript title and abbreviations revised;

CHEM 505 Comp Model of Molecules & Mtls (3 cr.) [PRN 11834]. *ES Comments/Corrections:* Title abbreviations revised; revise description to remove “the” before “graduate students” in first sentence;

COMP 550 Natural Language Processing (3 cr.) [PRN 11423]. *ES Comments/Corrections:* Indicate restriction as “Not open to students who have taken COMP 599 in 201509 or 201609”;

GEOG 425 SE Asia Urban Field Studies (3 cr.) [PRN 11475]. *ES Comments/Corrections:* Delete course titles from prerequisites; minimum grade for prerequisites is “C” not “B+” – if a different grade is requested, it must be visible to interested students by indicating a note in supplementary info.

Revisions

School of Continuing Studies

CEAP 642 Cornerstones of Acad Writing (1 cr.) [PRN 11850] – supplementary info;

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SECTION B: APPROVED COURSES

Revisions

School of Continuing Studies [continued]

CEAP 652 Fundls of Acad Presentations (1 cr.) [PRN 11860] – supplementary info;

CEAP 661 Lit. Rev 1: Summary & Critique (1 cr.) [PRN 11619] – title, supplementary info; **SCTP**

Comments/Corrections: Title revised to use Arabic numerals;

CEAP 665 Lit. Rev 2: Scholarly Niches (1 cr.) [PRN 11620] – title, supplementary info; **SCTP Comments/Corrections:**

Title revised to use Arabic numerals; Calendar title revised to remove extra word not included in the Transcript title;

CESL 631 Strats for Acad Commun in Engl (1 cr.) [PRN 11858] – supplementary info;

CESL 641 Fundls of Acad Writing in Engl (1 cr.) [PRN 11849] – description, restriction, supplementary info;

CESL 651 Pronun. for Effective Commun. (1 cr.) [PRN 11859] – restriction, supplementary info.

Faculty of Education

EDKP 548 Applied Exercise Psychology (3 cr.) [PRN 11940] – number, title, description, administering faculty/unit, prerequisites, restriction. **SCTP Comments/Corrections: Indicate “Yes” for program change forms submitted;**

EDPE 515 Gender Identity Development (3 cr.) [PRN 11895] – prerequisites. **ES Comments/Corrections: Revise proposed prerequisites to read “None”.**

Faculty of Engineering

ARCH 672 Architectural Design 1 (6 cr.) [PRN 11851] – description;

ARCH 673 Architectural Design 2 (6 cr.) [PRN 11852] – description;

ARCH 677 Architectural Design 3 (9 cr.) [PRN 11853] – description;

BIEN 330 Tissue Eng & Regenerative Med (3 cr.) [PRN 11603] – title, description, prerequisites; **NOTE TO CSO:**

BIOL 112 should not be part of prerequisite rule in Banner – it should only be included in the Minerva note [as per rationale];

BIEN 510 Eng'd Nanomtls for Biomed Appl (3 cr.) [PRN 11602] – title, prerequisites; **ES Comments/Corrections:**

Title abbreviations revised; NOTE TO CSO: BIOL 112 should not be part of prerequisite rule in Banner – it should only be included in the Minerva note [as per rationale];

URBP 623 Planning Studio 2 (0 cr.) [PRN 10564] – course activities/schedule types, supplementary info;

URBP 624 Planning Studio 3 (6 cr.) [PRN 11873] – course activities/schedule types, restriction, supplementary info.

Desautels Faculty of Management

MSUS 401 Sustainability Consulting (3 cr.) [PRN 111843] – restriction.

Faculty of Medicine

FMED 601 Adv Topics in Family Medicine (3 cr.) [PRN 12065] – title, description. **ES Comments/Corrections: Title abbreviations revised;**

FMED 612 EvalResrch &Implementation Sci (1 cr.) [PRN 12063] – title.

Schulich School of Music

MUJZ 213 Fundamentals of Jazz Improv 1 (2 cr.) [PRN 1977] – title, prerequisites, supplementary info;

MUJZ 214 Fundamentals of Jazz Improv 2 (2 cr.) [PRN 11978] – title, prerequisites, supplementary info.

Faculty of Science

ANAT 323 Clinical Neuroanatomy (3 cr.) [PRN 11729] – title, corequisites;

ANAT 365 Cellular Trafficking (3 cr.) [PRN 11730] – description;

CHEM 603 Fundamentals of Spectroscopy (5 cr.) [PRN 11842] – title, description, prerequisites;

GEOG 504 Advanced Economic Geography (3 cr.) [PRN 11767] – title, description.

Retirements

Faculty of Education

EDKP 648 Physical Activity Psychology (3 cr.) [PRN 11940]. See proposal for EDKP 548.

Cindy Smith, Secretary to SCTP