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 Arts

B.A.; Honours in Latin American and Caribbean Studies (60 cr.) – title – option deleted, description, complementary courses deleted. Rationale: The two options within the Honours contained the exact same course requirements, therefore, only one program is needed; courses deleted are also in list of required courses.

B.A.; Major Concentration in Software Engineering (36 cr.) – complementary courses added, how complementary courses chosen revised. Rationale: Updates to courses.

B.A.; Major Concentration in Computer Science (36 cr.) – a required course deleted, required credits decreased, a complementary course added, how complementary courses chosen revised, complementary credits increased. Rationale: Updates to courses, and to provide flexibility to students. ES Comments/Corrections: Revise “3 credits …

B.A.; Minor Concentration in Computer Science (18 cr.) – program note revised, a complementary course deleted. Rationale: Course removed not appropriate for this program.

Faculty of Engineering

B.Eng.; Major in Bioengineering (142-152 credits) – program credits increased, breakdown of credits revised, a required course added, required credits increased, complementary courses heading added, complementary courses deleted, how complementary courses chosen revised, complementary credits increased. Rationale: Students must now choose Complementaries from a stream, and updates to courses.

B.Eng. in Electrical Engineering (134-138 credits) – complementary courses heading added, a complementary course added. Rationale: Course update, and to make the structure of the program clearer.

B.Eng.; Honours in Electrical Engineering (138-142 credits) – complementary courses heading added. Rationale: To make the structure of the program clearer.

B.Eng.; Co-op in Software Engineering (141-147 credits) – a complementary course added, complementary credits increased. Rationale: Course update, and correction to complementary credits.

B.Eng.; Minor in Software Engineering (18 credits) – complementary courses added, program note revised. Rationale: Updates to courses, and clarifying equivalencies note.

Graduate and Postdoctoral Studies

Faculty of Arts

Ph.D. in Anthropology; Neotropical Environment (0 cr.) – required courses deleted, required courses added, required creds increased, how required courses chosen revised, how complementary courses chosen revised, complementary credits increased, program note revised. Rationale: Updates to courses. ES Comments/Corrections: What does “The Ethics application” refer to in the last program note? No mention of Ethics application found elsewhere in the proposal or rationale.

Faculty of Engineering

M.Arch. (Professional); Non-Thesis – Design Studio (45 cr.) – a required course deleted, required credits decreased, complementary courses added, how complementary courses chosen revised, complementary credits increased. Rationale: Revisions will allow students to meet accreditation requirements.

M.Arch. (Professional); Non-Thesis – Design Studio – Directed Research (60 cr.) – a required course deleted, required credits decreased, a complementary course moved do a different group of complementary courses, complementary courses added, how complementary courses chosen revised, complementary credits increased. Rationale: Revisions will allow students to meet accreditation requirements.
SECTION A: APPROVED PROGRAMS

**Minor and Moderate Revisions**

Graduate and Postdoctoral Studies

Faculty of Engineering [continued]

**M.Arch. (Post-Professional); Non-Thesis – Urban Design and Housing** (45 cr.) – a required course deleted, a required course added, complementary courses deleted, how complementary courses chosen revised. Rationale: Program requirements simplified by removing specific lists of complementary courses.

**Ph.D. in Architecture** (0 cr.) – program description, title revised for two required courses, required courses deleted, required courses added, required credits increased. Rationale: To ensure program conforms to GPS norms.

**M.Sc. in Electrical Engineering** (46 cr.) – degree, description, program note revised, number of overall complementary credits indicated. Rationale: Degree changed from M.Eng. to follow North American conventional program title terminology for this kind of thesis program. SCTP Comments/Corrections: This is a major revision that should have been reported to SCTP for approval; SCTP Chair has allowed ES approval – it has been reported to APC for approval and reporting to the Ministry.

**M.Eng. in Mining Engineering; Non-Thesis – Environmental Engineering** (45 cr.) – program title, how complementary courses are chosen, complementary credits adjusted, elective credits adjusted. Rationale: As a result of the recent division of the existing M.Eng. in Mining and Materials Engineering; Non-Thesis program into two separate programs, namely M.Eng. in Mining Engineering; Non-Thesis and M.Eng. in Materials Engineering; Non-Thesis [approved by APC May 9, 2017], the title of this program is changing.

**Ph.D. in Materials Engineering** (0 cr.) – required course added. Rationale: Necessary 0-credit comprehensive course created and added.

**M.U.P.; Non-Thesis** (66 cr.) – credit weight decreased for a required course, a required course deleted, required courses added, complementary courses added. Rationale: Updates to courses.

**M.U.P.; Non-Thesis – Transportation Planning** (66 cr.) – credit weight decreased for a required course, a required course deleted, required courses added. Rationale: Updates to courses.

**M.U.P.; Non-Thesis – Urban Development and Urban Design** (66 cr.) – credit weight decreased for a required course, a required course deleted, required courses added, complementary courses added, how complementary courses chosen revised. Rationale: Updates to courses.

Faculty of Science

**B.Sc.; Honours in Anatomy and Cell Biology** (73 cr.) – complementary courses added, how complementary courses chosen revised. Rationale: Updates to courses.

**B.Sc.; Major in Anatomy and Cell Biology** (67 cr.) – a complementary course deleted, complementary courses added, how complementary courses chosen revised. Rationale: Updates to courses.

**B.Sc.; Liberal Program – Core Science Component in Anatomy and Cell Biology** (48 cr.) – complementary courses added, how complementary courses chosen revised. Rationale: Updates to courses.

**B.A. & Sc.; Major Concentration in Computer Science** (36 cr.) – a required course deleted, required credits decreased, a complementary course deleted, how complementary courses chosen revised, complementary credits increased. Rationale: Updates to courses, and to provide flexibility to students. ES Comments/Corrections: Revise “3 credits …” sentence to read “3 credits from each of the groups A, B, C, and D.”

**B.A. & Sc.; Major Concentration in Software Engineering** (37 cr.) – complementary courses added, how complementary courses chosen revised, complementary credits adjusted. Rationale: Updates to courses.

**B.A. & Sc.; Minor Concentration in Computer Science** (18 cr.) – program note revised, a complementary course deleted. Rationale: Course removed not appropriate for this program.

**Retirements**

Faculty of Arts

**B.A.; Honours in Latin American and Caribbean Studies; Thematic** (60 cr.). Rationale: Course requirements are identical to other existing Honours program in this major with another option.

**B.A.; Honours in Latin American and Caribbean Studies; Area** (60 cr.). Rationale: Existing program is being retired due to program title change.
SECTION A: APPROVED PROGRAMS

Minor and Moderate Revisions [continued]
Graduate and Postdoctoral Studies
Faculty of Engineering
M.Eng. in Electrical Engineering (46 cr.). Rationale: Due to title degree change.

SECTION B: APPROVED COURSES

New
Faculty of Agricultural and Environmental Sciences
PLNT 643 Research Project 1 (3 cr.). Affected program revised;
PLNT 644 Research Project 2 (6 cr.). Affected program revised. SCTP Comments/Corrections: Remove course title from prerequisites and corequisite courses;
PLNT 645 Research Project 3 (6 cr.). Affected program revised. SCTP Comments/Corrections: Remove course title from prerequisites and corequisite courses.

Faculty of Arts
SOCI 245 The Sociology of Emotions (3 Cr.) [PRN 13168]. Affected programs indicated. ES Comments/Corrections: Revise description to read “Introduction to … emotions. Exploration of how …”;
SOCI 526 IndigenousWomen’sHlth&Hlthcare (3 cr.) [PRN 13430]. Affected programs indicated. ES Comments/Corrections: Title abbreviations revised; effective term revised to “201809”;
FRSL 209 Français oral élémentaire: SSS (3 cr.) [PRN 13503];
FRSL 210 Français oral interm 1: SSS (3 cr.) [PRN 13499]. ES Comments/Corrections: Revise description to read “This … as used in professional communication …”;
FRSL 219 Français interm 1: diét&nutri (3 cr.) [PRN 13518]. ES Comments/Corrections: “/” in title revised to “&”; revise Administering Faculty to read “AR: Arts”;
FRSL 329 Français écrit en context 1: SSS (3 cr.) [PRN 13505];
FRSL 330 Français écrit en context 2: SSS (3 cr.) [PRN 13506];
HIST 210 Intro to Latin American Hist (3 cr.) [PRN 13062]. Affected programs indicated;
HIST 298 Topics in History (3 cr.) [PRN 12969]. Affected programs indicated;
HIST 299 The Historian’s Craft (3 cr.) [PRN 13256]. Affected programs indicated.

Faculty of Education
EDPD 250 Students with DiverseAbilities (2 CEUs). ES Comments/Corrections: Title spacing revised; delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “… ability. Emphasis is on …”
NOTE CSO: New subject code;
EDPD 251 Communicative Competence: ESL (2 CEUs). ES Comments/Corrections: Title abbreviations revised; delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “… Exploration of methods … Enhancing the use of … Emphasis is on … competence. The Noticing Awareness-Practice model …”;
EDPD 252 Compy-BaseTrain&IndusBenfts (2 CEUs). ES Comments/Corrections: Delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “… industry. Focus is on …”;
EDPD 253 Tchr Burnout:Retent to Sustain (2 CEUs). ES Comments/Corrections: Title abbreviations revised; delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “… Exploration of trends … to sustain teachers and administrators. Exploring strategies …”;
EDPD 254 Course Design & Teaching Dev’t (4.5 CEUs). ES Comments/Corrections: Title spacing and abbreviation revised; delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “Promoting learning … and providing … thinking. Encouraging reflection … and learning from own practice, focusing on …”;
EDPD 255 Inclusive Education (2 CEUs). ES Comments/Corrections: Delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “Introducing and clarifying … and exploring … (UDL). Designing … (IEPs) and practicing …”;
EDPD 256 Motivating the Unmotivated (2 CEUs). ES Comments/Corrections: Delete last sentence in rationale [as per N. Bassett at SCTP meeting].
SECTION B: APPROVED COURSES

New
Faculty of Education [continued]
EDPD 257 Self-Awareness in Pedagogy (2 CEUs).  **ES Comments/Corrections:** Title spacing revised; delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “… pedagogy. Exploring and drawing …”.
EDPD 258 Making Technology Educational (2 CEUs).  **ES Comments/Corrections:** Revise description to read “Demonstration … opportunities. Incorporating both … classrooms and providing …”.
EDPD 259 RealWrdConnc for theMathClas (2 CEUs).  **ES Comments/Corrections:** Title spacing, abbreviations, and capitalization revised; hyphen removed from eCalendar title; revise description to read “Exploring the …”.
EDPD 260 EnhEdcsWel-Bng:BstPractinActn (2 CEUs).  **ES Comments/Corrections:** Title spacing revised; delete last sentence in rationale [as per N. Bassett at SCTP meeting]; revise description to read “… pedagogy. Exploring and drawing …”.
EDPD 261 EffectSchoolResp to Self-Injry (2 CEUs).  **ES Comments/Corrections:** Title spacing and abbreviation revised; description to read “Covers the … Uncovers the … self-injury. A framework …”.
EDPD 262 Devel’g Comm in the Math Class (2 CEUs).  **ES Comments/Corrections:** Title spacing and abbreviation revised.

Faculty of Engineering
ARCH 711D1/D2 Doctoral Research Seminar 1 (6 cr.) [PRN 13219]. Affected program revised;
ARCH 712D1/D2 Doctoral Research Seminar 2 (6 cr.) [PRN 13220]. Affected program revised;
BIEN 540 Info Storage&Proc in Biol Sys (3 cr.) [PRN 12910];
CIVE 621 Sust Design of Municip Systems (4 cr.) [PRN 13120];
CIVE 629 Sust Design: Water and WW Facil (4 cr.) [PRN 13391];
ECSE 446 Realistic Image Synthesis (3 cr.) [PRN 13402]. Affected programs revised and indicated;
ECSE 546 Advanced Image Synthesis (4 cr.) [PRN 13403];
SEAD 515 Climate Change Adapt&Eng Infra (3 cr.) [PRN 13548].  **NOTE TO CSO:** Change teaching unit – see last sentence in rationale;
SEAD 520 Life Cycle-Based Env Footprint (3 cr.) [PRN 13549].  **NOTE TO CSO:** Change teaching unit – see last sentence in rationale;
MIME 703 Ph.D. Comprehensive Exam (0 cr.) [PRN 13335]. Affected program revised;
URBP 543 Special Topics (3 credits) [PRN 13319]. Affected programs revised.  **ES Comments/Corrections:** Correct administering faculty to read “EN: Engineering”.
URBP 610 Planning Graphics 2 (1 cr.) [PRN 13317]. Affected programs revised;
URBP 611 Planning Graphics 3 (1 cr.) [PRN 13318]. Affected programs revised;
URBP 642 Introduction to Planning Data (1 cr.) [PRN 13321]. Affected programs revised;
URBP 643 Introduction to GIS (1 cr.) [PRN 12655]. Affected programs revised.  **ES Comments/Corrections:** Has the school responded to the concerns indicated within the consultation?
URBP 644 Multivariate Statistics (1 cr.) [PRN 13322]. Affected programs revised.  **ES Comments/Corrections:** Who signed the consultation? It does not look like the Chair’s name;
URBP 645 Social Research Methods 1 (1 cr.) [PRN 13323]. Affected programs revised;
URBP 646 Social Research Methods 2 (1 cr.) [PRN 13324]. Affected programs revised;
URBP 647 Selected Methods in Planning 1 (1 cr.) [PRN 13325]. Affected programs revised;
URBP 648 Selected Methods in Planning 2 (1 cr.) [PRN 13326]. Affected programs revised;
URBP 649 Visual and Spatial Methods (1 cr.) [PRN 13327]. Affected programs revised.

Faculty of Science
ANAT 314 Human Musculoskeletal Anatomy (3 cr.) [PRN 13293]. Affected programs revised;
MATH 478 Comput. Meth. In Applied Math (3 cr.) [PRN 13400]. Affected programs indicated.  **ES Comments/Corrections:** Effective term revised to “201809” to align with eCalendar publication of all affected programs.
MATH 582 Algebraic Topology (4 cr.) [PRN 13369].

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SECTION B: APPROVED COURSES [continued]

Revisions

Faculty of Arts

HISP 453 20th C Latin American Poetry (3 cr) [PRN 13065] – title;
SWRK 525 Critical Thought & Ethics in SW (3 cr) [PRN 12934] – restriction. ES Comments/Corrections: Effective term revised to “201809”;

JWST 499 Internship: Jewish Studies (3 cr) [PRN 13468] – prerequisites, supplementary info. ES Comments/Corrections: Including the following in supplementary info: “For instructor information, please contact the Department Chair or the Director of Undergraduate studies”; to clarify statements made in the rationale: 1) The eCalendar will say a course is offered in any term where a CRN has been created, therefore, “not scheduled” is a direct result of there being no CRNs in Class Schedule for that term. 2) “No instructor” message is because in any given CRN eCalendar will say a course is offered in any term where a CRN has been created, therefore, “not scheduled” is a directive, not a restriction.

FRSL 206 Elementary French (3 cr) [PRN 13534] – description, prerequisites, corequisites, restriction. ES Comments/Corrections: Revise description to read “This … relate to in their … life, and provides … structures to develop …”; revise prerequisite minimum grade to read “C”;

FRSL 207, 207D1/D2 Elementary French 01 (6 cr) [PRN 13535] – description, corequisites. ES Comments/Corrections: Revise description to read “This … relate to in their … life, and provides … structures to develop …”; revise prerequisite minimum grade to read “C”;

FRSL 208 Intensive Elementary French (6 cr) [PRN 13536] – description, corequisites. ES Comments/Corrections: Revise description to read “This … relate to in their … life, and provides … structures to develop …”; revise prerequisite minimum grade to read “C”;

Faculty of Engineering

ARCH 533 New Approaches to Arch History (3 cr) [PRN 9098] – description, restriction;
ARCH 622 Research Meth for Architecture (4 cr) [PRN 13424] – title, description, course activities/schedule types & hrs/wk, supplementary info;
ARCH 627 Research Methods for Urban Design and Housing (3 cr) [PRN 13415] - title, description, course activities, supplementary info;
ARCH 700 Thesis Proposal (0 cr) [PRN 13221] – title, description;
ARCH 701 Comprehensive Examination (0 cr) [PRN 13222] – title, description;
BIEN 350 Biosignals, Systems & Control (4 cr) [PRN 13423] – credit weight, course activities hrs/wk, title, description, supplementary info;
CIVE 324 Sustainable Project Management (3 cr) – prerequisites;
CIVE 432 Technical Paper (1 cr) – prerequisites;
CIVE 446 Construction Engineering (3 cr) – prerequisites;
CIVE 469 Infrastructure and Society (3 cr) – prerequisites;
CIVE 652 Bioprocesses for WW Res Recovery (4 cr) [PRN 12990] – courses activities/schedule types & hrs/wk, title, description;
ECSE 426 Microprocessor Systems (3 cr) – prerequisites;
ECSE 498 Honours Thesis 1 (3 cr) – prerequisites;
FACC 500 Tech. Business Plan Design (3 cr) – prerequisites;
MECH 463D1/D2 Design 3: Mech Eng Project (3 cr) – prerequisites;
MIME 325 Mineral Industry Economics (3 cr) – prerequisites;
MIME 340 Applied Fluid Dynamics (3 cr) [PRN 13291] – description;
MIME 428 Environmental Mining Eng (3 cr) [PRN 13425] – supplementary info;
MIME 524 Mineral Resources Economics (3 cr) – prerequisites;
URBP 609 Planning Graphics 1 (1 cr) [PRN 13316] – credit weight, course activities hrs/wk, title;
URBP 641 Reading the Urban Landscape (1 cr) [PRN 13320] – title, description.
SECTION B: APPROVED COURSES

Revisions [continued]

Faculty of Science
ANAT 315 Clinical Musculoskeletal Anat. (3 cr.) [PRN 13367] – title, description, restriction;

Retirements
None.

Cindy Smith, Secretary to SCTP