

REPORT 12 FROM THE ASSOCIATE PROVOST (TEACHING AND ACADEMIC PROGRAMS) TO SCTP
[2020-2021]

SCTP meeting date: March 11, 2021

The following course and program proposals have been approved by Associate Provost Chris Buddle, SCTP Chair, on behalf of SCTP. **Highlighted text in pink are queries to/information for units.**

SECTION A: APPROVED PROGRAMS

Minor and Moderate Revisions

School of Continuing Studies

Professional Development Certificate in Parliamentary Governance (13 CEUs) – program description, required courses deleted, title revised for a required course, required CEUs decreased, complementary-course section added, complementary courses added, complementary CEUs increased. *Secretary's comments/corrections:* Indicate “CEUs” in box 4.0; use strikethrough in existing column for courses being removed from the list, use underlining in the proposed column on text changing or additions; following the Complementary Courses heading, include “6 CEUs from the following.”; correct course title for YCBS 252 in proposed column – no course revision proposal received to change this title.

Professional Development Certificate in Parliamentary Management (15 CEUs) – program CEU weight decreased, program description, required courses deleted, a required course added, required CEUs decreased, complementary-course section added, complementary courses added, complementary CEUs increased. *Secretary's comments/corrections:* Indicate “CEUs” in box 4.0; use strikethrough in existing column for courses being removed from the list, use underlining in the proposed column on text changing or additions; the required courses need to be listed in numerical order under the same subject code; correct course title for YCBS 245 and YCBS 246 in existing column – Roman numerals are not used in course titles; following the Complementary Courses heading, include “9 CEUs from the following.”; correct course title for added complementary course YCBS 252 in proposed column – no course revision proposal received to change this title.

Graduate and Postdoctoral Studies

Faculty of Arts

Ph.D. in Political Science (0 cr.) – program description, a required course added, how complementary courses chosen revised.

Ph.D. in Political Science; Gender and Women's Studies (0 cr.) – program description, a required course added, how complementary courses chosen revised. *Chair's comments/corrections:* Remove referral to list of complementary courses under the heading of “Gender Courses”.

M.P.P.; Non-Thesis (45 cr.) – required courses deleted, a required course added, title revised for a required course, required credits decreased, complementary courses added, title revised for a complementary course, how complementary courses chosen revised, complementary credits increased. **APPROVAL PENDING SUBMISSION OF NEW COURSE PROPOSALS FOR PPOL 608 AND PPOL 609 BY THE FACULTY OF ARTS** [see March 25, 2021 report].

Faculty of Medicine and Health Sciences

M.Sc. in Experimental Surgery (45 cr.) – a required course deleted, required credits decreased, how complementary courses chosen revised, complementary credits increased.

M.Sc. in Experimental Surgery; Global Surgery (45 cr.) – a required course deleted, required credits decreased, how complementary courses chosen revised, complementary credits increased.

M.Sc. in Experimental Surgery; Non-Thesis (45 cr.) – a required course deleted, required credits decreased, a complementary course added, how complementary credits chosen revised, complementary credits increased, how elective courses chosen revised, elective credits decreased. *Secretary's comments/corrections:* Correct course title for EXSU 601 and EXSU 602 in both existing and proposed columns.

Ph.D. in Experimental Surgery (0 cr.) – required courses deleted, required credits decreased, complementary courses added, how complementary courses chosen revised, complementary credits increased.

Faculty of Science

B.Sc.; Honours in Physics (78 cr.) – a complementary course added. *Secretary's comments/corrections:* In both existing and program columns, include “U3 Complementary Courses (21 credits)” heading, as this was omitted; use long title for all courses.

SECTION A: APPROVED PROGRAMS

Minor and Moderate Revisions

Faculty of Science [continued]

B.Sc.; Honours in Mathematics and Physics (81 cr.) – complementary courses added, a program note added.

Secretary's comments/corrections: Use long title for all courses.

B.Sc.; Honours in Physics and Chemistry (80 cr.) – complementary courses added, a program note added.

Secretary's comments/corrections: Use long title for all course; use underlining on added program note; correct course titles in proposed column for CHEM 480D1/D2 [also, D2 has a different title from D1], CHEM 505 – no course revision proposals received to revise these titles.

B.Sc.; Honours in Physics and Computer Science (81 cr.) – a complementary course added. *Secretary's comments/corrections:* Use long title for all courses.

B.Sc.; Major in Physics and Geophysics (69 cr.) – complementary courses added. *Secretary's comments/corrections:* Use long title for all courses.

B.Sc.; Minor in GIS & Remote Sensing (18 cr.) – program description, a required course added, required credits increased, complementary courses deleted, complementary courses added, how complementary courses chosen revised, asterisk removed from some complementary courses, asterisk added to some complementary courses, complementary credits decreased. *Chair's comments/corrections:* Revise effective term to 202109.

Retirements

Graduate and Postdoctoral Studies

Faculty of Arts

M.A. in History of Medicine; Non-Thesis (45 cr.).

SECTION B: APPROVED COURSES

New

Faculty of Arts

LING 690 M.A. Thesis Submission (18 cr.) [PRN 18121].

School of Continuing Studies

CCOM 301 Selected Communication Topic 1 (3 cr.) [PRN 18944]. *Secretary's comments/corrections:* Title abbreviation revised; move last sentence from the description and add it to supplementary info box; confirmation needed whether this course should have slot status;

CCOM 302 Selected Communication Topic 2 (3 cr.) [PRN 18912]. *Secretary's comments/corrections:* Title abbreviation revised; move last sentence from the description and add it to supplementary info box; confirmation needed whether this course should have slot status;

YCPD 003 AgileProj Mgmt:Prac&CertcnPrep (5 CEUs). *Chair's comments/corrections:* Confirmation received – title revised. *Secretary's comments/corrections:* Confirmation received - YCPD is a new subject code; also, the Department confirmed that this is a single-term course – not a spanned course [D1/D2] as originally proposed; Campus revised to “Online”; eCalendar title revised to read: Agile Project Management:Practice&Certification Preparation.

NOTE CSO – NEW SUBJECT CODE

YCBS 281 Digital Marketing Fundamentals (4 CEUs);

YCBS 282 Digital Promotion&Advertising (6 CEUs). *Secretary's comments/corrections:* Title abbreviation revised;

YCBS 283 Digital Mktg Strategy Capstone (6 CEUs). *Secretary's comments/corrections:* Title abbreviation revised; revise description to read “Knowledge and skills needed to develop a ...”;

YCBS 284 Marketing Technologies (4 CEUs);

YCBS 285 Visl Cont Creatn for Dgtl Mktg (4 CEUs). *Secretary's comments/corrections:* Title abbreviation revised.

Faculty of Engineering

ECSE 556 Machine Lrng in Network Biol (4 cr.) [PRN 18318].

SECTION B: APPROVED COURSES

New [continued]

Faculty of Law

LAWG 509 Indigenous Law Revitalization (3 cr.) [PRN 19068]. Affected program indicated. *Secretary's comments/corrections:* Confirmation needed why the total number of weeks is not 13 as is the norm; revise description to read “Exploration of the prospect of Indigenous law ... today, why it is ... contemporary Indigenous law ... revitalization, distinct analytical ... which Indigenous law could be revitalized, specific Indigenous law ... social transformation. Principles of the sharing circle”; revise restriction to read “Not open to students who have taken [indicate topics course number(s)] when topic was ‘Indigenous Law Revitalization’”;

LAWG 561 Privacy Law (3 cr.) [PRN 19064]. Affected program indicated. *Chair's comments/corrections:* Revise description to read “Overview of the rapidly-growing area ... environment, including domestic and international ... personal information. Three kinds of ...”; include course number within restriction. *Secretary's comments/corrections:* Confirmation needed why the total number of weeks is not 13 as is the norm; revise restriction to read “Not open to students who have taken [indicate topics course number(s)] when topic was ‘Privacy Law’”;

LAWG 562 Regulating AI (3 cr.) [PRN 19066]. Affected program indicated. *Chair's comments/corrections:* Revise restriction to include course number. *Secretary's comments/corrections:* Confirmation needed why the total number of weeks is not 13 as is the norm; correct typo in Calendar title; revise description to read “Technology law of how to regulate A.I. algorithms. How technological innovation ...”; revise restriction to read “Not open to students who have taken [indicate topics course number(s)] when topic was ‘Regulating Artificial Intelligence’”;

LAWG 580 Women and Constitutions (3 cr.) [PRN 19067]. Affected program indicated. *Secretary's comments/corrections:* Confirmation needed why the total number of weeks is not 13 as is the norm; revise description to read “Examination of how ... approach, exploration of constitutional strategies ... East. Analyzing the debates ... feminist constitutionalism, how constitutional law is both ...”; revise restriction to read “Not open to students who have taken [indicate topics course number(s)] when topic was ‘Women and Constitutions’”;

LAWG 581 Law and Healthcare (3 cr.) [PRN 19063]. Affected program indicated. *Chair's comments/corrections:* Include the course number in the restriction. *Secretary's comments/corrections:* Confirmation needed why the total number of weeks is not 13 as is the norm; Official and Calendar titles revised; revise restriction to read “Not open to students who have taken [indicate topics course number(s)] when topic was ‘Law and Healthcare’”;

LAWG 582 Disability Law and Policy (3 cr.) [PRN 19061]. Affected program indicated. *Chair's comments/corrections:* Revise description to read “Introduction to ... and policy, exploring who is the ‘disabled subject’, what is disability, and what expectations of ‘normalcy’ ... the field. Critical examination of legal concepts ... law and exploration of the difficulties that people ... issues. Exploration of the evolving ...”; include the course number within the restriction. *Secretary's comments/corrections:* Confirmation needed why the total number of weeks is not 13 as is the norm; revise restriction to read “Not open to students who have taken [indicate topics course number(s)] when topic was ‘Disability Law’”;

LAWG 585 Intl Investment Disputes (3 cr.) [PRN 19062]. Affected program indicated. *Chair's comments/corrections:* Include the course number within the restriction. *Secretary's comments/corrections:* Title abbreviation revised; confirmation needed why the total number of weeks is not 13 as is the norm; revise description to read “Examination of the basic ... (ISDS). Focus on substantive ... law protections. Introduction to ISDS, including ... Union. The environmental and ...”; revise restriction to read “Not open to students who have taken [indicate topics course number(s)] when topic was ‘International Investment Disputes.’”

Faculty of Medicine and Health Sciences

EXMD 630 DevlgDgtlInnovs for HlthImpact (3 cr.) [PRN 17840]. *Chair's comments/corrections:* Confirmation needed as to whether the concerns within the consultation from Biomedical Engineering were addressed and how, especially referral to a basics course being at the 600 level. *Secretary's comments/corrections:* Title abbreviations revised; revise description to read “Innovative thinking ...”;

EXSU 610 Surgical Outcomes Res Fndns (3 cr.) [PRN 17900].

Faculty of Science

CHEM 542 Advanced Nucleic Acid Chemistry (3 cr.) [PRN 18652]. *Chair's comments/corrections:* Revise description to read “Advanced-level chemical reactivity ...” *Secretary's comments/corrections:* Title abbreviation revised; revise prerequisite to list full course number for 201 and revise to read “... permission of the instructor”;

SECTION B: APPROVED COURSES

New

Faculty of Science [continued]

COMP 345 From Natural Lang to Data Sci (3 cr.) [PRN 18630]. *Secretary's comments/corrections:* Title abbreviation revised, revise prerequisites to read “COMP 250 ... or permission of the instructor”; revise restriction to read “Not ... taken or are taking LING 345”; consultation from LING is needed to grant permission to be double prefix with LING 345. **APPROVAL PENDING SUBMISSION OF NEW COURSE PROPOSAL LING 345 BY ARTS;**

COMP 549 Brain-Inspired AI (3 cr.) [PRN 18620]. Affected programs indicated. *Secretary's comments/corrections:* Revise restriction to remove course title;

COMP 562 Theory of Machine Learning (4 cr.) [PRN 18593]. Affected programs indicated. *Secretary's comments/corrections:* Obtain a consultation from ECSE; add to the restriction “...; not open to students who have taken COMP ??? [indicate topics course number] when topic was ‘Theory of Machine Learning’ [or the correct topic title]”;

COMP 565 ML in Genomics & Healthcare (4 cr.) [PRN 18594]. Affected programs indicated. *Secretary's comments/corrections:* Revise restriction to remove course titles;

COMP 588 Probabilistic Graphical Models (4 cr.) [PRN 18540]. Affected programs indicated. *Secretary's comments/corrections:* Revise restriction to remove course titles;

MATH 462 Hon. Math for Machine Learning (3 cr.) [PRN 18922]. Affected programs indicated;

MATH 562 Theory of Machine Learning (4 cr.) [PRN 18921]. *Secretary's comments/corrections:* Obtain a consultation from ECSE; add to the restriction “...; not open to students who have taken COMP ??? [indicate topics course number] when topic was ‘Theory of Machine Learning’ [or appropriate topic title]”;

MATH 558 Design of Experiments (4 cr.) [PRN 18923]. Affected programs indicated;

GEOG 314 Geospatial Analysis (3 cr.) [PRN 16098]. Affected programs indicated. *Chair's comments/corrections:* Revise description to read “Overview of ... and technology. Introduction to a number of leading ...” *Secretary's comments/corrections:* Too many hrs/wk for 3 credits; remove the three B.Sc. programs from affected programs – revision proposals needed to revise the heading that this course and GEOG 414 are to be added; list “all other” affected programs by full titles and indicate how each program is affected; revise restriction to read “Not ... 306 or GEOG 307”;

GEOG 414 Advanced Geospatial Analysis (3 cr.) [PRN 16099]. Affected programs indicated. *Chair's comments/corrections:* Revise description to read “Advanced techniques in geospatial analysis. Geospatial methods and using geospatial information systems. Topics ... machine learning, including working with a number of ...” *Secretary's comments/corrections:* Too many hrs/wk for 3 credits; remove the three B.Sc. programs from affected programs – revision proposals needed to revise the heading that this course and GEOG 314 are to be added; list “all other” affected programs by full titles and indicate how each program is affected; revise restriction to read “Not ... 306 or GEOG 307”.

Revisions

School of Continuing Studies

YCBS 111 Content Marketing (5 CEUs) – CEU weight increased, title, description, supplementary info, prerequisites. *Secretary's comments/corrections:* Provide a rationale for all changes; indicate “CEUs” in both boxes in box 7; include existing supplementary information in box 17;

YCBS 245 Corporate Mgmt of Parliament (3 CEUs) – title. *Secretary's comments/corrections:* Title abbreviation revised;

YCBS 249 Parliamentary Research (3 CEUs) – title, description. *Secretary's comments/corrections:* Provide a rationale for the description revision; indicate Curriculum/Academic Committee full approval date;

YCBS 250 Intro to Parlimntry Governance (3 CEUs) – title, description, restriction. *Secretary's comments/corrections:* Title abbreviation revised; rationale indicated for restriction change.

Faculty of Engineering

ARCH 241 Architectural Structures 1 (3 cr.) [PRN 18851] – schedule types/course activities & hrs/wk, supplementary info;

CIVE 202 Construction Materials (4 cr.) [PRN 18770] – description;

SECTION B: APPROVED COURSES

Revisions

Faculty of Engineering [continued]

CIVE 290 Thermodynamics & Heat Transfer (3 cr.) [PRN 18794] – description;

CIVE 323 Hydrology and Water Resources (3 cr.) [PRN 18795] – description. *Chair's comments/corrections:*

Confirmation needed whether the concerns in the consultation obtained of overlap with BREE 217 have been addressed concerning the addition of a restriction;

CIVE 418 Design Project (4 cr.) [PRN 18771] – description;

CIVE 428 Water Resrces & Hydraulic Eng. (3 cr.) [PRN 18796] – description;

CIVE 462 Design of Steel Structures (3 cr.) [PRN 18772] – schedule types/course activities & hrs/wk, description.

Secretary's comments/corrections: No change needed to supplementary information, as per Department;

CIVE 463 Design of Concrete Structures (3 cr.) [PRN 18773] – description. *Secretary's comments/corrections:* No change needed to supplementary information, as per Department;

CIVE 520 Groundwater Hydrology (3 cr.) [PRN 18797] – description;

CIVE 527 Renov&Preserv:Infrastructure (3 cr.) [PRN 18774] – description.

Faculty of Law

CMPL 500, 500D1/D2 Indigenous Peoples & the State (3 cr.) [PRN 19060] – title, description. *Secretary's*

comments/corrections: Revise description to capitalize “indigenous” so it reads “Indigenous”.

Faculty of Medicine and Health Sciences

EXMD 635D1/D2 Experimental/Clinical Oncology (6 cr.) [PRN 18862] – supplementary info. *Chair's*

comments/corrections: Confirmation needed as to why prerequisites are not added/indicated if students need appropriate background.

Faculty of Science

PHYS 434 Optics (3 cr.) [PRN 18790] – description, hrs/wk, supplementary info. *Secretary's comments/corrections:*

Revise the hrs/wk in the Schedule Types/Course Activities box – this is not only done in the supplementary info;

CHEM 332 Biological Chemistry (3 cr.) [PRN 18730] – prerequisites;

CHEM 334 Advanced Materials (3 cr.) [PRN 18780] – description, prerequisites, **restriction**. *Secretary's*

comments/corrections: Description revised to remove “may” and “and more”; confirmation received – restriction revised because course indicated has been retired since 201605;

CHEM 345 Intro to Quantum Chemistry (3 cr.) [PRN 18731] – prerequisites;

CHEM 367 Instrumental Analysis 1 (3 cr.) [PRN 18732] – description;

CHEM 493, 493D1/D2 Advanced Physical Chem Lab (2 cr.) [PRN 18733] – description, prerequisites, **restriction**;

CHEM 555 Magnetic Resonance Spectroscopy (3 cr.) [PRN 18782] – title, description. *Secretary's*

comments/corrections: Title abbreviation revised;

CHEM 603 Princ&Apps of Mat'ls Charctrzn (3 cr.) [PRN 18781] – credit weight decreased, title, description.

Secretary's comments/corrections: Title abbreviation revised; no change needed to hrs/wk – already 3 hrs/wk of lecture (and 6-9 hours of readings/problem sets/studying/wk); description revised;

GEOG 308 **Rem Sens for Earth Observation** (3 cr.) [PRN 16124] – title, corequisites, **restriction**. *Secretary's*

comments/corrections: Transcription title revised; restriction revised – course indicated has been retired since 200909;

GEOG 384 Principles of Geospatial Web (3 cr.) [PRN 18310] – prerequisites;

GEOG 506 Adv Geographic Information Sci (3 cr.) [PRN 18315] – prerequisites. *Chair's comments/corrections:*

Provide a rationale for the removal of GEOG 201 from prerequisites;

EPSC 548 Igneous Petrogen. Mechanisms (3 cr.) [PRN 18930] – title;

COMP 202 Foundations of Programming (3 cr.) [PRN 18695] – restriction. *Chair's comments/corrections:*

Confirmation needed whether a completed consultation was received from Neuroscience. *Secretary's*

comments/corrections: Revise restriction to read “Not open to students who have taken COMP 204, COMP 208, or GEOG 333; not open to students who have taken or are taking COMP 206 or COMP 250” - remove the rest of the text and add it to supplementary info if students need to be informed; confirmation needed whether GEOG 333 will also be revised to include similar restriction;

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SECTION B: APPROVED COURSES

Revisions

Faculty of Science [continued]

COMP 204 Comp. Programming for Life Sci (3 cr.) [PRN 18696] – prerequisites, corequisites, restriction, **supplementary info.** *Chair's comments/corrections:* Confirmation needed whether a completed consultation was received from Neuroscience. *Secretary's comments/corrections:* Revise restriction to read “Not open to students who have taken COMP 202, COMP 208, or GEOG 333; not open to students who have taken or are taking COMP 206 or COMP 250”; remove the text from supplementary info box;

COMP 208 Computer Programming for PS&E (3 cr.) [PRN 18694] – prerequisites, corequisites, restriction.

Secretary's comments/corrections: Revise restriction to read “Not open to students who have taken COMP 202, COMP 204, or GEOG 333; not open to students who have taken or are taking COMP 206 or COMP 250”;

COMP 424 Artificial Intelligence (3 cr.) [PRN 18750] – restriction. NOTE: ECSE 526 revision proposal approved December 3, 2020. *Secretary's comments/corrections:* Revise restriction to read “Not open to students who have taken or are taking ECSE 526”;

COMP 462 Computational Biology Methods (3 cr.) [PRN 18950] – restriction;

COMP 561 Comp. Biol. Methods & Research (4 cr.) [PRN 18951] – restriction.

Retirements

School of Continuing Studies

YCBS 112 Social Media Strat&Commtly Mgmt (4.5 CEUs). Affected program revised;

YCBS 113 Strategic Digital Comm. (4.5 CEUs). Affected program revised;

YCBS 114 Content Strategy (4.5 CEUs). Affected program revised;

YCBS 246 Corporate Mgmt of Parliament 2 (3 CEUs). Affected program revised. *Secretary's comments/corrections:* Indicate CEU weight in box 7.

Faculty of Engineering

CHEE 360 Technical Paper (1 cr.) [PRN 18740]. Affected course to be revised/retired. *Secretary's comments/corrections:* The Department is preparing a course revision/retirement for affected course CHEE 462.

Faculty of Science

CHEM 223 Intro Phys Chem 1 (2 cr.) [PRN 18791]. *Secretary's comments/corrections:* FYI – multiple courses are affected by this retirement – if any prerequisites need to be revised, now is the time to do so, otherwise course revisions for the affected courses will be needed in future;

CHEM 243 Intro Phys Chem 2 (2 cr.) [PRN 18792]. *Secretary's comments/corrections:* FYI – multiple courses are affected by this retirement – if any prerequisites need to be revised, now is the time to do so, otherwise course revisions for the affected courses will be needed in future;

CHEM 283 Physical Chemistry Laboratory (2 cr.) [PRN 18793]. *Secretary's comments/corrections:* FYI – two courses are affected by this retirement – if any prerequisites need to be revised, now is the time to do so, otherwise course revisions for the affected courses will be needed in future;

GEOG 306 Raster Geo-Information Science (3 cr.) [PRN 16159]. Affected programs indicated in new course proposals GEOG 314 and GEOG 414 – see PRNs 16098 and 16099, respectively. *Secretary's comments/corrections:* Ensure that the four affected Environment programs are listed within the this course retirement proposal and indicate how program note is to be revised;

GEOG 307 Socioecon Applications of GIS (3 cr.) [PRN 16160]. Affected programs indicated in new course proposals GEOG 314 and GEOG 414 – see PRNs 16098 and 16099, respectively. *Secretary's comments/corrections:* Ensure that the four affected Environment programs are listed within the course retirement proposals;

EPSC 542 Chemical Oceanography (3 cr.) [PRN 18850]. Affected programs indicated. *Secretary's comments/corrections:* Indicate 13 other affected programs and inform the other units that their programs are affected by this retirement.