

Academic Programs Committee of Council

University Course Challenge

Scheduled posting: December 17, 2014

Contents include submissions from the following colleges:

College of Agriculture and Bioresources, College of Arts and Science, College of Dentistry, College of Education, College of Engineering, College of Graduate Studies and Research, College of Kinesiology, and College of Nursing

Approval: Date of circulation: December 17, 2014

Date of effective approval if no challenge received: January 7, 2015

Next scheduled posting:

The next scheduled challenge document posting will be in January 2015, with a submission deadline of January 13th. Please note that all program changes for the 2015-16 Course and Program Catalogue should be submitted by this date. Urgent items can be posted on request.

College of Agriculture and Bioresources:

This submission contains: the reintroduction of EVSC 485 as an option under the Requirements along with the newer course of EVSC 401 for both the BSA in Environmental Science and the BSc in Renewable Resource Management as this course may be taught again in the near future; the reintroduction of BIOL 331 as an optional plant metabolism course for students in the BSA in Agronomy along with our PLSC 240; the introduction of BIOL 365 as a Restricted Elective in the BSA majors of Agronomy, Crop Science and Horticulture Science to reflect student demand for more concrete options in this area; the addition of ANSC 315 as a stated prerequisite for ANSC 340 and the removal of the note of recommendation of the class; the removal of ECON 211 as a prerequisite for BPBE 322.

Program Requirements

[Bachelor of Science in Agriculture \(B.S.A.\) - Environmental Science](#)

[Minimum Requirements for Degree \(120 credit units\)](#)

[Year 1 - Term 1 \(15 credit units\)](#)

[Year 1 - Term 2 \(15 credit units\)](#)

[Year 2 \(30 credit units\)](#)

[Years 3 & 4 \(60 credit units\)](#)

[Requirements](#)

- [EVSC 371.3](#) or [GEOG 222.3](#)
- [ENVS 401.3](#) or [EVSC 485.3](#)
- [RCM 300.3](#)

Choose 3 credit units of Environmental Policy from the following:

- [BPBE 330.3](#)
- [ECON 275.3](#)
- [ECON 277.3](#)
- [GEOG 280.3](#)

Choose 3 credit units of Environmental Risk Assessment from the following:

- [BLE 481.3](#)
- [GEOG 386.3](#)
- [TOX 321.3](#)

Choose 6 credit units of Environmental Quality from the following:

- [BLE 309.3](#)
- [CHEM 375.3](#)
- [EVSC 420.3](#)
- [EVSC 421.3](#)
- [EVSC 430.3](#)
- [GEOG 225.3](#)
- [GEOL 229.3](#)
- [GEOG 325.3](#)

Choose 3 credit units Field Courses from the following:

- [EVSC 380.3](#)
- [SLSC 480.3](#)

Choose 6 credit units of Agriculture and the Environment from the following:

- [ANBI 375.3](#)
- [BLE 432.3](#)
- [PLSC 201.3](#) or [PLSC 222.3](#)
- [PLSC 401.3](#)
- [PLSC 422.3](#)
- [PLSC 425.3](#)
- [SLSC 312.3](#)

Choose 6 credit units from the following:

- [SLSC 232.3](#)
- [SLSC 313.3](#)
- [SLSC 322.3](#)
- [SLSC 343.3](#)

[Restricted Electives \(12 credit units\)](#)

[Open Electives](#)

Program Requirements

[Bachelor of Science in Renewable Resource Management \[B.Sc.\(RRM\)\]](#)

[Minimum Requirements for Degree \(120 credit units\)](#)

[Year 1 \(30 credit units\)](#)

[Year 2 \(30 credit units\)](#)

Year 3 (30 credit units)

Year 4 (30 credit units)

Requirements

- [ENVS 401.3](#) or [EVSC 485.3](#)
- [RRM 421.6](#)

Choose 21 credit units

Program Requirements

Bachelor of Science in Renewable Resource Management [B.Sc.(RRM)]

Minimum Requirements for Degree (120 credit units)

Year 1 (30 credit units)

Year 2 (30 credit units)

Year 3 (30 credit units)

Year 4 (30 credit units)

Requirements

- [BPBE 430.3](#)
- [ENVS 401.3](#) or [EVSC 485.3](#)
- [RRM 421.6](#)
- 3 credit units open electives

Choose 15 credit units

Program Requirements

Bachelor of Science in Agriculture (B.S.A.) - Agronomy

Year 1 - Term 1 (15 credit units)

Year 1 - Term 2 (15 credit units)

Year 2 (30 credit units)

Years 3 and 4 (60 credit units)

PLSC 335 and SLSC 312 must be taken in year 3; PLSC 401 and PLSC 417 must be taken in year 4.

Requirements

- [BPBE 320.3](#)
- [BPBE 343.3](#)
- [PLSC 240.3](#) or [BIOL 331.3](#)
- [PLSC 335.3](#)
- [PLSC 401.3](#)
- [PLSC 417.3](#)
- [PLSC 492.3](#) or [PLSC 494.6](#) (3 credit units count as restricted electives)
- [SLSC 312.3](#)

Choose 6 credit units from the following:

Choose 3 credit units from the following:

Choose 3 credit units from the following:

Restricted Electives (18 credit units)

Open Electives

Program Requirements

Bachelor of Science in Agriculture (B.S.A.) - Agronomy

Year 1 - Term 1 (15 credit units)

Year 1 - Term 2 (15 credit units)

Year 2 (30 credit units)

Years 3 and 4 (60 credit units)

PLSC 335 and SLSC 312 must be taken in year 3; PLSC 401 and PLSC 417 must be taken in year 4.

Requirements

- [BPBE 320.3](#)
- [BPBE 343.3](#)
- [PLSC 240.3](#)
- [PLSC 335.3](#)
- [PLSC 401.3](#)
- [PLSC 417.3](#)

- [PLSC 492.3](#) or [PLSC 494.6](#) (3 credit units count as restricted electives)
- [SLSC 312.3](#)

[Choose 6 credit units from the following:](#)

[Choose 3 credit units from the following:](#)

[Choose 3 credit units from the following:](#)

[Restricted Electives \(18 credit units\)](#)

Students can choose courses for completion of a minor (not including Field Crop Production, Horticulture or Rangeland Resources) or choose courses selected from the following list: [RRM 215.3](#), [BPBE 254.3](#), [BPBE 346.3](#), [BPBE 347.3](#), [BLE 205.3](#), [ANBI 375.3](#), [FABS 432.3](#), [BIOL 365](#), any 200-level or above course in Agronomy, Plant Science, Environmental or Soil Science not required for the major, or courses approved by an advisor.

[Open Electives](#)

Program Requirements

[Bachelor of Science in Agriculture \(B.S.A.\) - Crop Science](#)

[Year 1 - Term 1 \(15 credit units\)](#)

[Year 1 - Term 2 \(15 credit units\)](#)

[Year 2 \(30 credit units\)](#)

[Years 3 & 4 \(60 credit units\)](#)

[Requirements](#)

[Choose 18 credit units from the following:](#)

[Restricted Electives \(18 credit units\)](#)

Students can choose courses for completion of a minor in an unrelated subject or choose courses selected from the following list: [RRM 215.3](#), [BPBE 254.3](#), [BPBE 346.3](#), [BPBE 347.3](#), [BLE 205.3](#), [ANBI 375.3](#), [FABS 432.3](#), [BIOL 365](#), any 200-level or above course in Agronomy, Plant Science, Environmental or Social Science not required for the major, or courses approved by an advisor.

[Open Electives](#)

Program Requirements

Bachelor of Science in Agriculture (B.S.A.) - Horticulture Science

Year 1 - Term 1 (15 credit units)

Year 1 - Term 2 (15 credit units)

Year 2 (30 credit units)

Years 3 & 4 (60 credit units)

Requirements

Restricted Electives (18 credit units)

Students can choose courses to complete a minor in an unrelated subject or choose courses selected from the following list: [RRM 215.3](#), [BPBE 254.3](#), [BPBE 346.3](#), [BPBE 347.3](#), [BLE 205.3](#), [ANBI 375.3](#), [FABS 432.3](#), [BIOL 365](#), any 200-level or above course in Agronomy, Plant Science, Environmental or Soil Science not required for the major, or courses approved by an advisor. If a student chooses to register in [PLSC 494.6](#), 3 credit units will be applied here.

Open Electives

Prerequisite Changes:

BPBE 322.3 — 2(3L-2P)

Agricultural Business Investment Analysis Finance and Risk

An introduction to investment feasibility analysis, business finance, and risk theory. Considerable attention is given to developing spreadsheet applications including investment feasibility analysis, bid price models, machine replacements, leasing versus buying and business portfolio/diversification applications.

Formerly: AGEC 322.

Prerequisite(s): ~~ECON 211~~; COMM 201; COMM 203.

Note: Students with credit for AGEC 322 cannot take this course for credit.

ANSC 340.3 — 2(3L-2P)

Feeds Technology and Swine Production

The classification, characteristics and processing of concentrate feeds as well as operating and management applications relating to swine production. Laboratory exercises involve solving feeding and swine management problems. This course has a mandatory field trip that takes place one Saturday during the term.

Prerequisite(s): ANSC 212 and ANSC 315 or permission of the instructor

Note: ANSC 315 is recommended

Course Deletion: FABS 490.0

The Department of Food and Bioproduct Sciences in the College of Agriculture and Bioresources is requesting the course deletion of FABS 490.0 – Honours Seminar as the course is no longer used and the Honours Program(s) in the Bachelor of Science in Agriculture are slated to be deleted.

New Course Proposal: BPBE 428.3 Case Studies in Agribusiness Management 2(3L)

Course Description: This course uses case studies to apply theories learned during previous courses to real-world decisions made within the agribusiness environment. Students will use critical thinking while they work individually and in teams to identify problems and develop solutions to issues faced by agribusiness managers. Cases will cover a variety of agribusiness topics including finance, management, marketing, and strategy.

Prerequisites: Successful completion of 75 credit units of university-level courses or consent of the instructor

Rationale: Surveys of agribusiness firms find that employers favor students with critical thinking and communication skills, as well as subject matter mastery. This course stresses the application of these skills, and does so by forcing students to apply the knowledge they have learned in previous courses to real-world issues that are depicted in business cases. Furthermore, there is not a case-based agribusiness course currently offered in BPBE.

College of Arts and Science

University Course Challenge – December 2014

The curricular revisions listed below were approved through the Arts & Science College Course and Program Challenge and are now submitted to the University Course Challenge for approval.

DIVISION OF HUMANITIES AND FINE ARTS

Drama

Minor Program Revisions

Bachelor of Fine Arts (B.F.A.) in Drama

Add the word "Honours" to the program title.

Bachelor of Fine Arts Honours (B.F.A Honours) - Drama

No change to program requirements.

Rationale: The BFA in Drama already follows the graduation standards for Honours programs (70% CWA and Major Average), and serves as the Honours level program in the areas of Acting and Design. Unfortunately outside institutions and potential employers do not always recognize the BFA as being equivalent to Honours, which can close doors or financially impact students in these programs. As there is no impact on the program requirements (students in this program already take 63-69 credit units in the major), we see this as merely a clarification, so that the program is more widely understood to be an Honours level program.

Other than outside perception, the main result of this change will be that qualified students will now convocate with "Honours" or "High Honours", rather than "Distinction" or "Great Distinction".

History

New Course

HIST 396.3 Digital History

1/2 (1/5L-1.5S) Digital history, the application of new and emerging technologies to the study of history, is an exciting new historical methodology. In this course, we explore the literature on digital history, and then put theory into practice by digitally collecting, evaluating, and producing historical knowledge. Along with discussing what is digital history and how it is evolving, this course will introduce students to text mining, geographic information systems (GIS) and developing historical websites. How digital archives are changing how we preserve and research history. Students will get hands-on experience with a wide range of digital skills and use these new methods to develop a final digital history project.

Prerequisite(s): 3 credit units 200-level HIST courses

Instructor(s): Jim Clifford

Rationale: The digital humanities are an exciting and growing field of study. This course will introduce students to new digital methods for the study of history. Improves the Department's offerings in the field and reflects the research interests of the instructor.

Linguistics

Minor Program Revisions

Bachelor of Arts Four-year in Linguistics – Language and Speech Sciences Stream

Delete LING 248.3 (Second Language Acquisition) and replace it with LING 343.3 (Child Language Development).

B6 Major Requirement (36 credit units)

No more than **6 credit units** of 100 level courses can be used to satisfy the Major requirements.

Part A. Linguistics courses requirement:

- [LING 241.3](#)
- [LING 242.3](#)
- [LING 243.3](#)
- ~~LING 248.3~~
- [LING 340.3](#)
- ~~LING 343.3~~
- [LING 347.3](#)

Choose **3 credit units** from the following:

- [200-Level, 300-Level or 400-Level LING Courses](#)

Part B. Cognate disciplines requirement: 15 credit units as follows:

No change to Part B.

Rationale: New course is more relevant to the area. Child language acquisition courses are required for entry to many Master's programs in Speech and Language Pathology.

New Course

LING 351.3 Applied Linguistics Internship

1/2 (5P) This experiential learning course provides students with an internship experience which allows them to enhance their knowledge of applied linguistics and language learning/acquisition theory, as well as to develop some teaching skills by providing individual structured tutorial sessions.

Prerequisite(s): Ling 111.3; Ling 112.3; one of LING 248.3, LING 251.3, LING 348.3; and 6 credit units LING courses at the 200-level or above.

Instructor(s): Veronika Makarova, Peter Wood, Annahita Fahrudi

Rationale: This experiential learning (internship) course is created to provide an opportunity for Linguistics students to enhance their knowledge of applied linguistics and the language teaching/learning process by conducting supervised individual structured tutorials to ESL learners, scheduled collaboratively by Linguistics and the Language Center. A similar internship with the Language Center has been successfully piloted in 2013-14 within the framework of LING 350.3, but as the goals of this internship have proven to differ significantly from those of LING 350.3 a separate course is appropriate.

Minor Course Revisions

ESL 105.3 Academic Speaking Skills for Speakers of English as a Second Language

New course number: **ESL 115**

ESL 106.3 Reading and Writing of Academic Texts

New course number: **ESL 116**

Change to course usage: Both courses will be added to general list(s) of eligible courses in "Humanities" and "Language" distribution requirements in Arts & Science programs. (Courses will not be added to specific course lists, such as the list in the Humanities Writing Requirement, C2.) The courses will now be eligible to be used in a "Major" requirement, should any discipline so propose.

Rationale: ESL 105.3 and 106.3 were initially approved as introductory courses that do not prepare students for particular senior university courses, and as such students may not use them towards Distribution, Major, or language requirements. It has become apparent that the content of these courses warrants their inclusion and use in distribution requirements (not just electives), and that doing so will help international students to be able to take them within their program requirements. This in turn will assist these students to succeed in subsequent courses.

Each of the courses was developed in collaboration with the Language Center to provide a level of instruction that significantly exceeds the level of the preparatory courses (UPrep level 2) taught in the Center. ESL 105 and 106 are highly advanced courses focusing on spoken and written Academic

discourse in English as a Second Language. The level of English required for university-level study in this language is higher than that taught in any non-English language course offered here. Therefore it is reasonable that this level of learning should be acknowledged with full credit, though at the introductory level to align with the understanding that international students are entering the university with minimum fluency. (Canadian Benchmarks (2000, p XI) define “the range of abilities required to function independently in most familiar situations of daily social, educational and work-related life experience” as Upper Intermediate Proficiency (up to Benchmark 8 level) which roughly coincides with TOEFL 18-19 level or IELTS 6.5 band (required for U of S undergraduate admissions).) ESL 105 and 106 help to take students from an “every day” grasp of English to being able to discuss the particulars of Academic work within different disciplines.

As the number of international students increases at the University, the need for these courses also increases, as it has been noted that a number of students who arrive at the University directly from a non-English speaking country, after passing standard English tests (TOEFL, TOEIC, etc), are not sufficiently proficient in English to do well in their programs. Students who have started to improve their English in the courses offered by the Language Center will also benefit from having additional opportunities to improve their English in academic settings. Similar courses are offered at a number of other universities, including Carlton University, University of Manitoba, and University of Ottawa.

We feel that all Arts & Science programs will benefit from greater eligibility for use of these courses, and that in fact any program at the University will receive a similar benefit. The College of Agriculture & Bioresources has indicated support for this change, and has communicated interest in having these courses available for students in the dual degree program with Fujian Agriculture and Forestry University.

Philosophy

Minor Program Revisions

Philosophy – Double Honours – St. Thomas More College

Revise program requirements per College of Arts & Science standards and update program requirements to align with revisions to the core program requirements made in 2011.

Bachelor of Arts Double Honours –Philosophy - St. Thomas More College - Major 1

Double Honours Programs may be taken in combinations of two subjects. In this program at least 36-42 credit units will be normally be taken in each subject. For further details, please see the [Academic Information and Policies](#) section.

Students who are admitted to a Double Honours program (Philosophy - STM and another subject) must be advised in both departments.

No more than 6 credit units from one subject may be used to meet Requirements A1 to A4.

A1 Basic Humanities Requirements (12 credit units)

Choose **6 Credit Units** from the following:

- [100-Level or 200-Level PHIL Courses](#)

Choose **6 Credit Units** from the following:

Standard Humanities list

A2 Language Requirement (9 credit units)

A3 Natural Science Requirement (6 credit units)

A4 Social Science Requirement (6 credit units)

A5 General Requirement (6 credit units)

A6 Major Requirement (30 credit units)

Students must choose at least 12 credit units at the 300-level or higher.

- [PHIL 202.3](#)
- [PHIL 208.3](#)
- [PHIL 241.3](#)
- [PHIL 404.3](#)

Choose 6 credit units from the following:

- [PHIL 206.3](#)
- [PHIL 209.3](#)
- [PHIL 210.3](#)
- [PHIL 211.3](#)
- [PHIL 212.3](#)
- [PHIL 215.3](#)
- [PHIL 218.3](#)
- [PHIL 219.3](#)
- [PHIL 240.3](#)
- [PHIL 306.3](#)
- [PHIL 312.3](#)
- [PHIL 313.3](#)
- [PHIL 314.3](#)
- [PHIL 315.3](#)
- [PHIL 319.3](#)
- [PHIL 412.3](#)
- [PHIL 413.3](#)

Choose 3 credit units from the following:

- [PHIL 226.3](#)
- [PHIL 231.3](#)
- [PHIL 233.3](#)
- [PHIL 234.3](#)
- [PHIL 235.3](#)
- [PHIL 236.3](#)
- [PHIL 237.3](#)
- [PHIL 238.3](#)
- [PHIL 262.3](#)
- [PHIL 271.3](#)
- [PHIL 333.3](#)
- [PHIL 337.3](#)
- [PHIL 362.3](#)
- [PHIL 433.3](#)
- Other Philosophy courses approved by the STM Philosophy Department Head

Choose 9 credit units from the following:

- [200-Level, 300-Level or 400-Level PHIL Courses](#)

[A7 Electives Requirement \(51 credit units\)](#)

Major 2 (36 - 42 credit units)

- Double Honours requirements in second discipline

Open Electives (9-15 credit units)

Arts and Science courses, or those from other Colleges that have been approved for Arts and Science credit, to complete the requirements for 120 credit unit Double Honours program. Of the 120 credit units required at least 66 must be at the 200-level or higher and no more than 60 in one subject.

If you require further assistance, please contact the Arts & Science Undergraduate Student Office.

[Double Honours - Philosophy - St. Thomas More College - Major 2](#)

Double Honours Programs may be taken in combinations of two subjects. In this program at least 36 credit units will normally be taken in each subject. For further details, please see the [Academic Information and Policies](#) section.

Of the requirements listed in Major 2, some courses (usually 6 credit units) may be used to fulfill Requirements 1 to 5 of Major 1. If this happens, the result will be that the number of Open Electives in Requirement 7 will be increased accordingly to continue to require a total of 120 credit units for the Double Honours degree.

Students who are admitted to a Double Honours program (Philosophy - STM and another subject) must be advised in both departments. Students will fulfill the Philosophy - STM portion of the program as follows:

Requirements (36 credit units)

Students must choose at least 12 credit units at the 300-level or higher.

- [PHIL 202.3](#)
- [PHIL 208.3](#)
- [PHIL 241.3](#)
- [PHIL 404.3](#)

Choose 6 credit units from the following:

- [PHIL 206.3](#)
- [PHIL 209.3](#)
- [PHIL 210.3](#)
- [PHIL 211.3](#)
- [PHIL 212.3](#)
- [PHIL 215.3](#)
- [PHIL 218.3](#)
- [PHIL 219.3](#)
- [PHIL 240.3](#)
- [PHIL 306.3](#)
- [PHIL 312.3](#)
- [PHIL 313.3](#)

- [PHIL 314.3](#)
- [PHIL 315.3](#)
- [PHIL 319.3](#)
- [PHIL 412.3](#)
- [PHIL 413.3](#)

Choose 3 credit units from the following:

- [PHIL 226.3](#)
- [PHIL 231.3](#)
- [PHIL 233.3](#)
- [PHIL 234.3](#)
- [PHIL 235.3](#)
- [PHIL 236.3](#)
- [PHIL 237.3](#)
- [PHIL 238.3](#)
- [PHIL 262.3](#)
- [PHIL 271.3](#)
- [PHIL 333.3](#)
- [PHIL 337.3](#)
- [PHIL 362.3](#)
- [PHIL 433.3](#)
- Other Philosophy courses approved by the STM Philosophy Department Head

Choose 15 credit units from the following:

- [100, 200-Level, 300-Level or 400-Level PHIL Courses](#)

If you require further assistance, please contact the Arts & Science Undergraduate Student Office.

Religion and Culture

Minor Program Revisions

Bachelor of Arts Honours, Double Honours, Four-year, Three-year, and Minor in Religion and Culture

BA Honours, 4-year, 3-year:

Replace current RLST requirements in A1 with "6 credit units 100- or 200-level RLST courses"

BA Double Honours and Minor:

Replace requirement for RLST 110.6 with "6 credit units 100- or 200-level RLST courses"

Bachelor of Arts Four-year (B.A. Four-year) - Religion & Culture

Bachelor of Arts Three-year (B.A. Three-year) - Religion & Culture

Bachelor of Arts Honours (B.A. Honours) - Religion & Culture

A1 Basic Humanities Requirement (minimum 12 credit units)

- **6 credit units 100 or 200-Level RLST courses**
- **RLST 110.6; or**
- **~~one of RLST 211.3, RLST 214.3, RLST 215.3, RLST 217.3, RLST 218.3, RLST 230.3, RLST 232.3, RLST 234.3, RLST 280.3, RLST 282.3, RLST 283.3, RLST 284.3, RLST 285.3, RLST 289.3; and~~**

- ~~one of RLST 210.3, RLST 220.3, RLST 221.3, RLST 222.3, RLST 225.3, RLST 227.3, RLST 228.3, RLST 240.3, RLST 241.3, RLST 253.3, RLST 254.3~~

Choose **6 credit units** from the following:

- No changes to remainder of A1 requirement

Double Honours - Religion & Culture

Requirements

Area Distribution Requirements (36 credit units)

- ~~RLST 110.6~~
- **6 credit units 100-Level RLST courses**
- [RLST 280.3](#)

No changes to remainder of program requirements.

Religion & Culture - Minor

Requirements (24 credit units)

- ~~RLST 110.6~~
- **6 credit units 100 or 200-Level RLST courses**
- [RLST 280.3](#)

No changes to remainder of program requirements.

Rationale: RLST 110.6 has been reorganized into three 3 credit unit courses: RLST 111.3: Asian Religions; RLST 112.3: Western Religions in Society and Culture; and RLST 113.3: Islamic Civilization and Culture. The proposed changes to the A1 Humanities Requirement and the introductory requirements in the Double Honours and Minor programs accommodate this change and allow students greater flexibility to choose introductory courses in their area of interest.

New Course(s)

RLST 243.3 Islam in Hollywood

1/2 (3L-3P) This course will examine the representations of Islam and Muslims as they appear or are portrayed in the Hollywood film industry. From the early twentieth century up until the present era of the global War on Terrorism, Hollywood has manufactured images of Islam that have been closely intertwined with the dynamics of political and economic interests and ideological motives to dominate Other. Through lectures, discussion, and the screening of selected movies – from the classic *Lawrence of Arabia* (1962) to post 9/11 films such as *The Kingdom* (2007) – we will closely analyze what has changed in the representations of Islam, what persists, and why. This course is not an entirely movie-based review and analysis. However, in order to present the images of Hollywood's Islam in the lectures and discussion, the screening of selected movies is inevitable. This course will be divided into three themes: classical Oriental depictions of Islam (which portrayed Muslims as exotic, sensual, and irrational); national security

concerns, from the post-1979 Iranian revolution to the Gulf War, and; the global War on Terrorism after 9/11.

Prerequisite(s): 3 credits RLST 100-level or 18 credits at university level

Instructor(s): Instructor of Islamic Studies (Fachrizal Halim)

Rationale: The Religion and Culture program is developing additional course offerings to support instruction in Islamic studies and culture. The program developed RLST 113.3 Islamic Civilization in 2013-2014 to instigate a new stream in Islamic studies and culture at the 100-level. At the 200-level, the program currently offers RLST 240.3 Introduction to Islam and RLST 241.3 Islam in the Modern World. The proposed course, RLST 243.3, takes the topic of Islamic studies and culture into the realm of popular culture and reception by asking students to critically analyze contemporary so-called "Orientalist" assumptions about Islam as propagated by Hollywood in various media. The proposed class enhances programmatic offerings in the broader area of popular culture / media and religious studies. The program offers classes on Chinese (CHIN 233.3), Japanese (JPNS 233.3), and Indian (RLST 258.3) religion and culture: the proposed class will bring the academic study of Islam into this programmatic stream. Students in RLST 240.3 and 241.3 have also requested coverage of how western media packages Islam. This course proposal, therefore, responds to student and programmatic needs.

DIVISION OF SCIENCE

Astronomy

New Course

ASTR 104.3 Astronomy of Planets

1/2 (3L-1P) Students will explore physical properties and orbital behavior of planets, moons, asteroids and comets as revealed by telescopic observations and spacecraft missions. They will learn how the scientific method changed our understanding of orbital motions within the solar system. Recent astronomical techniques for studying exoplanets orbiting other star systems will be investigated. Techniques for operating telescopes and analyzing astronomical data will be examined with online access to computer-simulated laboratories.

Prerequisite(s): Foundations of Mathematics 20 or Pre-Calculus 20

Note: Students can take this course to fulfill 3 of the 18 credit units required for the Astronomy Minor offered by the College of Arts and Science in conjunction with the Department of Physics and Engineering Physics.

Rationale: Planetary astronomy is an exciting and active area of astronomy in which our course offerings are lacking. Furthermore, the nature of the subject and the availability of online labs make the subject ideal for online offering as a component of the Arts and Science Early Start options. We have also had student requests for more astronomy offerings. Students will be allowed to have credit for all three 100-level ASTR courses, due to their different areas of focus.

Minor Course Revisions

ASTR 103.3 Descriptive Introduction to Stellar Astronomy

New course number: **ASTR 113**

Rationale: ASTR 103 emerged (together with ASTR 102) from the course split of our old course ASTR 101.6, which had been in the books since time immemorial. Already ASTR 101.6 was used as a prerequisite option for our 200-level ASTR courses 213 and 214, and so now is ASTR 103 (a Type C Science course which serves as a prerequisite option for our 200-level ASTR courses). This change simply brings our course labeling into agreement with the Nomenclature Report.

From Nomenclature:

The numbers 100-109 are used for general introductory courses which are not usually acceptable as a preparation for more advanced work in the subject area. In some specialized cases, 200-level courses may be considered introductory courses.

The numbers 110-199 are used for courses that introduce a subject area and which could serve as prerequisite to senior-level courses in that subject. These are often referred to as junior undergraduate courses. Usually these are taught in direct-entry programs.

Physics

Minor Program Revisions

Bachelor of Science Honours, and Four-year

Create a Professional Internship Option in Physics.

The following entry would appear as an extra entry "Professional Internship Option" with the Physics programs list in the Course Catalogue:

In the Physics Professional Internship Option, students complete up to 16 consecutive months of supervised work experience with a sponsoring employer in addition to the requirements for a Physics program. Normally, the work placement commences after the student has completed three years of a four-year degree program in Physics. The placement typically lasts from May 1 of one year to August 31 of the next year. Shorter internship placements of 4, 8 or 12 months may also be allowed. Students should note that an internship is NOT a summer work program. A period of temporary employment qualifies for a Professional Internship if the following conditions are met:

- The internship must be held at a company or institution that benefits from the skills that the student acquires during her or his university education and training.
- Faculty members of the student's home department or of cognate departments cannot serve as employers or work supervisors for an internship.
- The internship extends over a continuous time period. The internship may include vacation periods, but it is not permissible to add several periods of employment for an internship.

The Chair of the Undergraduate Affairs Committee (UAC) in Physics and Engineering Physics decides whether a proposed temporary employment meets the requirements for a Professional Internship. The decision of the UAC Chair can be appealed in writing to the Department Head within two weeks of notification of the UAC Chair's decision. The Department Head's decision on permissibility of an internship shall be final.

Benefits to Students: Students who participate in the internship program will benefit from: (1) acquiring practical training and valuable experience in their prospective career area, adding strength to their résumé, and thus improving their job prospects upon graduation; (2) getting the "inside track" on full-time employment opportunities with the same company in which the student interned, through established professional contacts; and (3) earning an income to help finance the final year of their university education.

Only a limited number of internship placements will be available in a given year. Eligibility for an internship placement will be decided by the Internship Coordinator in the Department of Physics and Engineering Physics, while hiring decisions for internship students are made by the employers.

Students are required to apply by October 1 for admission to an internship in May or later of the following year. If selected for an internship placement, students must complete the appropriate number of internship courses PHYS 405, 406, 407, and 408 (PHYS 405 for a 4-month internship, PHYS 405 and 406 for an 8-month internship, PHYS 405-407 for a 12-month internship and all of PHYS 405-408 for a 16-month internship), in addition to the regular requirements of the B.Sc. degree. Each internship course has a duration of four months, and the number of courses is determined by the duration of the internship. A student must successfully complete all applicable requirements of the internship option in order to receive the Professional Internship designation on the University transcript.

At the end of the internship, the student must submit a detailed report about their internship experience. If the internship period exceeds the minimal period of four months, students are required to submit a brief (2-page) report about their experience every four months before the end of each of the internship courses. Employers are asked to submit a written statement about the student's progress.

Interested students are encouraged to contact the Internship Coordinator in the Department of Physics and Engineering Physics for further details about internship opportunities.

Rationale: The Canadian Nuclear Safety Commission had contacted the department with the request to recruit students from our programs into their internship program. We anticipate that other employers may also be interested in recruiting our students into internships. This would provide an excellent opportunity for our students to get relevant professional experience outside of academia and build their resumes.

New Course(s):

PHYS 405.0 Professional Internship I

Internship students register in this zero-credit-unit course for the first four-month installment of the internship placement. This course is graded on a Pass/Fail basis.

Prerequisite(s): Permission of the department; professional internship placement with a sponsoring employer.

PHYS 406.0 Professional Internship II

Internship students register in this zero-credit-unit course for the second four-month installment of the internship placement. This course is graded on a Pass/Fail basis.

Prerequisite(s): PHYS 405

PHYS 407.0 Professional Internship III

Internship students register in this zero-credit-unit course for the third four-month installment of the internship placement. This course is graded on a Pass/Fail basis.

Prerequisite(s): PHYS 406

PHYS 408.0 Professional Internship IV

Internship students register in this zero-credit-unit course for the fourth four-month installment of the internship placement. This course is graded on a Pass/Fail basis.

Prerequisite(s): PHYS 407

DIVISION OF SOCIAL SCIENCES

Anthropology

Minor Program Revisions

Bachelor of Arts Honours, Double Honours, Four-year, Three-year and Minor in Anthropology

Restructure the Major requirement to increase the concentration on Anthropology-oriented coursework, as opposed to courses from other disciplines which are better taken as electives.

Bachelor of Arts Four-year (B.A. Four-year) - Anthropology

B6 Major Requirement (30 credit units)

Choose ~~15~~ **27 credit units** from the following:

At least 9 credit units must be at the 300-level or above:

- [200-Level, 300-Level or 400-Level ANTH Courses](#)
- ~~PSY 224.3~~
- ~~PSY 323.3~~
- ~~PSY 324.3~~
- ~~PSY 380.3~~
- ~~PSY 480.3~~

Choose **3 credit units** from the following:

- 200-Level, 300-Level or 400-Level ARCH Courses

Choose 15 credit units from the following:

At least 3 credit units must be chosen from two of Areas 2, 3, or 4 (6 credit units total).

No more than 9 credit units may be chosen from any one of Areas 2, 3 or 4.

Area 1: Anthropology (ANTH)

- 200-Level, 300-Level or 400-Level ANTH Courses-
- PSY 224.3
- PSY 323.3
- PSY 324.3
- PSY 380.3
- PSY 480.3

Area 2: Linguistics (LING)

- LING 111.3
- LING 112.3
- LING 244.3
- LING 346.3

Area 3: Archaeology (ARCH)

Students wishing to choose courses from this Area must choose one of ARCH 250.3, ARCH 251.3, ARCH 255.3, or ARCH 257.3 as part of this or the above requirement. The other courses are available once one of these has been completed and prerequisite requirements for the course are met.

- ARCH 250.3
- ARCH 251.3
- ARCH 255.3
- ARCH 257.3
- ARCH 344.3
- ARCH 350.3
- ARCH 352.3
- ARCH 353.3
- ARCH 354.3
- ARCH 356.3
- ARCH 454.3
- ARCH 462.3
- ARCH 466.3

Area 4: Biological Anthropology (ARCH)

Students wishing to choose courses from this Area must take ARCH 270.3 as part of this or the above requirement. The other courses are available if ARCH 270.3 has already been taken and prerequisite requirements for the course are met.

- ARCH 270.3
- ARCH 470.3
- ARCH 471.3
- ARCH 472.3

[Bachelor of Arts Three-year \(B.A. Three-year\) - Anthropology](#)

B6 Major Requirement (24 credit units)

Choose **15 21 credit units** from the following:

At least 6 credit units must be at the 300-level or above:

- [200-Level, 300-Level or 400-Level ANTH Courses](#)
- PSY 224.3
- PSY 323.3
- PSY 324.3
- PSY 380.3
- PSY 480.3

Choose **3 credit units** from the following:

- [200-Level, 300-Level or 400-Level ARCH Courses](#)

Choose **9 credit units** from the following:

Area 1: Anthropology (ANTH)

- ~~200-Level, 300-Level or 400-Level ANTH Courses~~
- PSY 224.3
- PSY 323.3
- PSY 324.3
- PSY 380.3
- PSY 480.3

Area 2: Linguistics (LING)

~~Students wishing to choose courses from this Area must take LING 111.3 as part of this or the above requirement. The other courses are available if LING 111.3 has already been taken and prerequisite requirements for the course are met.~~

- LING 111.3
- LING 112.3
- LING 244.3
- LING 346.3

Area 3: Archaeology (ARCH)

~~Students wishing to choose courses from this Area must choose one of ARCH 250.3, ARCH 251.3, ARCH 255.3, or ARCH 257.3 as part of this or the above requirement. The other courses are available once one of these has been completed and prerequisite requirements for the course are met.~~

- ARCH 250.3
- ARCH 251.3
- ARCH 255.3
- ARCH 257.3
- ARCH 344.3
- ARCH 350.3
- ARCH 352.3
- ARCH 353.3
- ARCH 354.3
- ARCH 356.3
- ARCH 454.3

- ARCH 462.3
- ARCH 466.3

Area 4: Biological Anthropology (ARCH)

~~Students wishing to choose courses from this Area must take ARCH 270.3 as part of this or the above requirement. The other courses are available if ARCH 270.3 has already been taken and prerequisite requirements for the course are met.~~

- ARCH 270.3
- ARCH 470.3
- ARCH 471.3
- ARCH 472.3

Bachelor of Arts Honours (B.A. Honours) - Anthropology
B6 Major Requirement (42 credit units)

Choose **27 36 credit units** from the following:

At least 6 credit units must be at the 300-level and at least 6 credit units must be at the 400-level.

- 200-Level, 300-Level or 400-Level ANTH Courses
- PSY 224.3
- PSY 323.3
- PSY 324.3
- PSY 380.3
- PSY 480.3

Choose **6 credit units** from the following:

- 200-Level, 300-Level or 400-Level ARCH Courses

Choose **15 credit units** from the following:

~~At least 3 credit units must be chosen from two of Areas 2, 3, or 4 (6 credit units total).~~

~~No more than 9 credit units may be chosen from any one of Areas 2, 3 or 4.~~

~~Area 1: Anthropology (ANTH)~~

- ~~200-Level, 300-Level or 400-Level ANTH Courses~~
- PSY 224.3
- PSY 323.3
- PSY 324.3
- PSY 380.3
- PSY 480.3

~~Area 2: Linguistics (LING)~~

~~Students wishing to choose courses from this Area must take LING 111.3 as part of this or the above requirement. The other courses are available if LING 111.3 has already been taken and prerequisite requirements for the course are met.~~

- LING 111.3
- LING 112.3
- LING 244.3
- LING 346.3

Area 3: Archaeology (ARCH)

~~Students wishing to choose courses from this Area must choose one of ARCH 250.3, ARCH 251.3, ARCH 255.3, or ARCH 257.3 as part of this or the above requirement. The other courses are available once one of these has been completed and prerequisite requirements have been met.~~

- ~~ARCH 250.3~~
- ~~ARCH 251.3~~
- ~~ARCH 255.3~~
- ~~ARCH 257.3~~
- ~~ARCH 344.3~~
- ~~ARCH 350.3~~
- ~~ARCH 352.3~~
- ~~ARCH 353.3~~
- ~~ARCH 354.3~~
- ~~ARCH 356.3~~
- ~~ARCH 454.3~~
- ~~ARCH 462.3~~
- ~~ARCH 466.3~~

Area 4: Biological Anthropology (ARCH)

~~Students wishing to choose courses from this Area must take ARCH 270.3 as part of this or the above requirement. The other courses are available if ARCH 270.3 has already been taken and prerequisite requirements have been met.~~

- ~~ARCH 270.3~~
- ~~ARCH 470.3~~
- ~~ARCH 471.3~~
- ~~ARCH 472.3~~

Bachelor of Arts Double Honours - Anthropology - Major 1
B6 Major Requirement (30 credit units)

Choose ~~18~~ **27 credit units** from the following:

Area 1: Anthropology (ANTH)

At least 3 credit units must be at the 300-level and at least 3 credit units must be at the 400-level.

- [200-Level, 300-Level or 400-Level ANTH Courses](#)
- ~~PSY 224.3~~
- ~~PSY 323.3~~
- ~~PSY 324.3~~
- ~~PSY 380.3~~
- ~~PSY 480.3~~

Choose **3 credit units** from the following:

- [200-Level, 300-Level or 400-Level ARCH Courses](#)

Choose 3 credit units from the following:

Area 2: Linguistics (LING)

- ~~LING 111.3~~

- LING 112.3
- LING 244.3
- LING 346.3

~~Area 3: Archaeology (ARCH)~~

~~Students wishing to choose courses from this Area must choose one of ARCH 250.3, ARCH 251.3, ARCH 255.3, or ARCH 257.3 as part of this or the above requirement. The other courses are available once one of these has been completed and prerequisite requirements for the course are met.~~

- ARCH 250.3
- ARCH 251.3
- ARCH 255.3
- ARCH 257.3
- ARCH 344.3
- ARCH 350.3
- ARCH 352.3
- ARCH 353.3
- ARCH 354.3
- ARCH 356.3
- ARCH 454.3
- ARCH 462.3
- ARCH 466.3

~~Area 4: Biological Anthropology (ARCH)~~

~~Students wishing to choose courses from this Area must take ARCH 270.3 as part of this or the above requirement. The other courses are available if ARCH 270.3 has already been taken and prerequisite requirements for the course are met.~~

- ARCH 270.3
- ARCH 470.3
- ARCH 471.3
- ARCH 472.3

~~Choose 9 credit units from Areas 1, 2, 3, or 4, such that no more than 9 credit units total are taken from any one of Areas 2, 3, or 4:~~

~~Area 1: Anthropology (ANTH)~~

- ~~200-Level, 300-Level or 400-Level ANTH Courses-~~
- PSY 224.3
- PSY 323.3
- PSY 324.3
- PSY 380.3
- PSY 480.3

~~Area 2: Linguistics (LING)~~

- LING 111.3
- LING 112.3
- LING 244.3
- LING 346.3

~~Area 3: Archaeology (ARCH)~~

~~Students wishing to choose courses from this Area must choose one of ARCH 250.3, ARCH 251.3, ARCH 255.3, or ARCH 257.3 as part of this or the above requirement. The other courses are available once one of these has been completed and prerequisite requirements for the course are met.~~

- ~~• ARCH 250.3~~
- ~~• ARCH 251.3~~
- ~~• ARCH 255.3~~
- ~~• ARCH 257.3~~
- ~~• ARCH 344.3~~
- ~~• ARCH 350.3~~
- ~~• ARCH 352.3~~
- ~~• ARCH 353.3~~
- ~~• ARCH 354.3~~
- ~~• ARCH 356.3~~
- ~~• ARCH 454.3~~
- ~~• ARCH 462.3~~
- ~~• ARCH 466.3~~

~~Area 4: Biological Anthropology (ARCH)~~

~~Students wishing to choose courses from this Area must take ARCH 270.3 as part of this or the above requirement. The other courses are available if ARCH 270.3 has already been taken and prerequisite requirements for the course are met.~~

- ~~• ARCH 270.3~~
- ~~• ARCH 470.3~~
- ~~• ARCH 471.3~~
- ~~• ARCH 472.3~~

Double Honours - Anthropology - Major 2 Requirements (36 credit units)

- [ANTH 111.3](#)
- [ARCH 112.3](#)

Choose **27 credit units** from the following:

At least 3 credit units must be at the 300-level and at least 3 credit units must be at the 400-level.

- [200-Level, 300-Level or 400-Level ANTH Courses](#)

Choose **3 credit units** from the following:

- [200-Level, 300-Level or 400-Level ARCH Courses](#)

Choose 18 credit units from Areas 1, 2, 3, or 4, such that no more than 9 credit units total are taken from any one of Areas 2, 3, or 4:

Area 1: Anthropology (ANTH)

- ~~• 200-Level, 300-Level or 400-Level ANTH Courses~~
- ~~• PSY 224.3~~
- ~~• PSY 323.3~~
- ~~• PSY 324.3~~

- ~~PSY 380.3~~
- ~~PSY 480.3~~

Choose 3 credit units from the following areas:

Area 2: Linguistics (LING)

- LING 111.3
- LING 112.3
- LING 244.3
- LING 346.3

Area 3: Archaeology (ARCH)

Students wishing to choose courses from this Area must choose one of ARCH 250.3, ARCH 251.3, ARCH 255.3, or ARCH 257.3 as part of this or the above requirement. The other courses are available once one of these has been completed and prerequisite requirements for the course are met.

- ARCH 250.3
- ARCH 251.3
- ARCH 255.3
- ARCH 257.3
- ARCH 344.3
- ARCH 350.3
- ARCH 352.3
- ARCH 353.3
- ARCH 354.3
- ARCH 356.3
- ARCH 454.3
- ARCH 462.3
- ARCH 466.3

Area 4: Biological Anthropology (ARCH)

Students wishing to choose courses from this Area must take ARCH 270.3 as part of this or the above requirement. The other courses are available if ARCH 270.3 has already been taken and prerequisite requirements for the course are met.

- ARCH 270.3
- ARCH 470.3
- ARCH 471.3
- ARCH 472.3

Choose 9 credit units from Areas 1, 2, 3, or 4, such that no more than 9 credit units total are taken from any one of Areas 2, 3, or 4:

Area 1: Anthropology (ANTH)

- ~~200-Level, 300-Level or 400-Level ANTH Courses-~~
- PSY 224.3
- PSY 323.3
- PSY 324.3
- PSY 380.3
- PSY 480.3

Area 2: Linguistics (LING)

- LING-111.3
- LING-112.3
- LING-244.3
- LING-346.3

Area 3: Archaeology (ARCH)

~~Students wishing to choose courses from this Area must choose one of ARCH 250.3, ARCH 251.3, ARCH 255.3, or ARCH 257.3 as part of this or the above requirement. The other courses are available once one of these has been completed and prerequisite requirements for the course are met.~~

- ARCH-250.3
- ARCH-251.3
- ARCH-255.3
- ARCH-257.3
- ARCH-344.3
- ARCH-350.3
- ARCH-352.3
- ARCH-353.3
- ARCH-354.3
- ARCH-356.3
- ARCH-454.3
- ARCH-462.3
- ARCH-466.3

Area 4: Biological Anthropology (ARCH)

~~Students wishing to choose courses from this Area must take ARCH 270.3 as part of this or the above requirement. The other courses are available if ARCH 270.3 has already been taken and prerequisite requirements for the course are met.~~

- ARCH-270.3
- ARCH-470.3
- ARCH-471.3
- ARCH-472.3

If you require further assistance, please contact the Arts & Science Undergraduate Student Office.

Anthropology - Minor

The Minor in Anthropology may be completed in conjunction with any Three-year, Four-year or Honours degree in another discipline in the College of Arts & Science.

Requirements (21 credit units)

- [ANTH 111.3](#)
- [ARCH 112.3](#)

Choose 15 **credit units** from the following:

200-Level, 300-Level or 400-Level ANTH Courses
15 additional credit units

- —Area 4

~~A maximum of 6 credit units can be taken in Areas 2, 3, or 4 and applied to the Area 1 requirement. See above for the required courses in these Areas.~~

Rationale: The current program is divided into four "Areas:" Anthropology (Area 1), Linguistics (Area 2), Archaeology (Area 3), and Biological Anthropology (Area 4). To meet B6 requirements students are required to select courses from Areas 2, 3, and/or 4 depending on their specific undergraduate program (from none in the Three year to 6cu in the Four year and Honours). The current program also allows students - again depending on program - to take additional optional credit units in Areas 2, 3, and/or 4 and apply them to the B6 ANTH major requirements. Further, there is a small set of Psychology courses (PSY 224, 323, 324, 380, 480) that are currently accepted as ANTH credits under B6. This means that an ANTH major could take a substantial number of non-ANTH credit units and apply them to an ANTH degree. For instance, a student could actually take ALL required credit units under B6 in non-ANTH labelled coursework. In the Honours program, of the 42 credit units required under B6, a student could take 27 credit units in non-ANTH labelled coursework.

This current complement of required and optional non-ANTH courses is not allowing for the sufficiently robust depth in cultural anthropology that our students need. This is especially acute in the case of those applying for and entering graduate programs. Indeed, our own graduate program has demonstrated that our undergraduate applicants have deficiencies in cultural anthropology - which is our general focus - relative to those from other schools, in part because they have taken too many courses in other fields instead of ANTH courses. Deficiencies have also been reported back to us by former undergraduate majors now attending graduate school anthropology programs elsewhere. Our goal, then, is to revise the ANTH program to ensure our students are better grounded in the core areas of the field and that reflect the strengths of our program, medical and environmental anthropology. That said, we also recognize that literacy in fundamental aspects of archaeology and biological anthropology (such as human evolution) are still recognized as valuable for anthropology students, and for this reason we are retaining a requirement for some course work in these fields for our four year and Honours students.

This proposed change is also compatible with disciplinary trends away from a broadly-based (what we in Anthropology refer to as "four fields") Anthropology program involving substantial coursework in Archaeology, Biological Anthropology, and sometimes Linguistics. Developments in these four fields have accelerated exponentially to create in effect separate disciplines, and it is not possible - nor is it reasonable - to expect students to achieve competence in them at the undergraduate level as part of a single Anthropology degree program. The fact that Archaeology in our College exists as a separate program offering both BA and BSc degrees reinforces this point.

Courses offered in other departments, especially Psychology and Linguistics, for which ANTH credit can be given, are beyond the control of the Anthropology program. The disciplinary backgrounds of instructors and course content, and applicability to the discipline of Anthropology, can therefore be quite variable. Students may currently get ANTH credit for courses that have little relevance to or engagement with Anthropology as a discipline. While these courses may nonetheless have value for Anthropology students, they should be considered as elective options rather than as core courses in an ANTH program. Students have also found the current complex Four Area program structure difficult to navigate. Relative to other social science programs, the ANTH program presents as a confusing array of required and optional courses, some with dubious links to the field of cultural anthropology. By eliminating the Area distinctions and simplifying course selection in Anthropology we will better meet the needs of our students and present a program that is more structurally similar to the other social sciences in the College, some of which offer few if any options for courses from outside their own list.

Archaeology

New Course(s)

ARCH 330.3 The Archaeology of Human Environmental Impact

1/2 (1L-2S) This course illustrates how humans have been an integral and active component of earth's ecology for many thousands of years. This history of interaction between humans and their environments has had both deleterious and positive impacts, for us and other species. By studying how humans impacted their environments in the past, we gain a better appreciation of the potential effects of our own activities and their environmental consequences. Many of the processes affecting the planet today are rooted in our past, as many of the actions we see today were produced by and had impacts upon past societies. Similarly, past societies were forced to deal with the effects of climate change, a problem with which our current society is struggling. A better understanding of how these situations arose in the past

may help us to better discern general principles that continue to operate today, and thus plan toward our future.

Prerequisite(s): ARCH 250 or ARCH 251 or permission of the instructor

Note: Students with credit for ARCH 398 Special Topics: The Archaeology of Human Environmental Impact may not take this course for credit.

Instructor(s): Glenn Stuart

Rationale: This course fits within the Department of Archaeology and Anthropology's developing onus on environmental anthropology and archaeology. The course is designed to illustrate how humans have been an integral and active component of earth's ecology for many thousands of years. This long history of interaction between humans and their environments has had both deleterious and positive impacts, for us and other species. By studying the dynamic ecological role of human society and how humans impacted their environments in the past, we gain a better appreciation of the potential effects of our own activities and their environmental consequences. Many of the processes affecting the planet today are deeply rooted in our past, as many of the actions we see today – deforestation and land clearing, over-grazing, erosion, soil salinization and loss of fertility, for example – were produced by and had impacts upon past societies. Similarly, past societies were forced to deal with the effects of climate change, a problem with which our current society is struggling. A better understanding of how these situations arose in the past, and the environmental, political, and social consequences that they had, may help us to better discern general principles that continue to operate today, and thus plan toward our future.

As a worldwide survey, the course builds upon material covered in ARCH 112 (The Human Journey: Introduction to Archaeology and Biological Anthropology) and ARCH 116 (Introduction to Near Eastern and Classical Archaeology). In terms of regional coverage it expands upon select aspects of ARCH 258 (Archaeology of Ancient Mesopotamia), 350 (Boreal Forest Archaeology), 353 (Plains Archaeology), and 356 (Development of Complex Cultures in Eastern Mediterranean and Near Eastern Regions), though it lacks the archaeological and cultural detail presented in those classes. Further, because of its emphasis on the interpretation of archaeological and paleoenvironmental investigations, it augments ARCH 250 (Introduction to Archaeological Science) and 251 (Introduction to Archaeological Interpretation) while providing an introduction to topics discussed in more detail in ARCH 458 (Zooarchaeology), 459 (Geoarchaeology), and 462 (Contemporary Archaeological Theory). Finally, given the emphasis on human-environment interaction, it provides time depth and archaeological case studies to topics covered in ANTH 244 (Political Ecology, Anthropology and Global Environmental Issues) as well as archaeological complements to those of ANTH 240 (Cultural Landscapes and Environments) and 329 (Environmental Anthropology).

The course is being proposed at the 300 level because of the reading requirements and the expectation that students will ask probing questions, offer well-formulated thoughts, and engage in meaningful discussion of the readings and lectures.

The course improves department's offerings in the field, reflects the research interests of the instructor, and responds to student demands.

Political Studies

Minor Program Revisions

Bachelor of Arts Honours and Four-year in Political Studies

The proposed program revisions will require POLS 4 year and POLS 4 year Honours students to take classes across the major disciplinary subfields (theory, Canadian politics, international relations and politics, comparative politics, and public policy and public administration), and to take 3 credit units in research methodologies.

[Bachelor of Arts Four-year \(B.A. Four-year\) - Political Studies](#)

B6 Major Requirement (30 credit units)

- [POLS 204.3](#) and [POLS 205.3](#) (formerly POLS 203)
- [POLS 236.3](#) and [POLS 237.3](#) (formerly POLS 235)

- POLS 261.3 and POLS 262.3 (formerly POLS 260)

Choose **3 credit units** from the following:

- [300-Level POLS Courses](#)

Choose **3 credit units** from the following:

- [400-Level POLS Courses](#)

Choose **18 credit units** from the following:

A minimum of 6 credit units must be chosen from one of Public Administration and Public Policy, Comparative Politics and Area Studies or International Relations subfields. Choose an additional 12 credit units of POLS courses, including at least 6 credit units at the 300 or 400-level. Students are advised that a second language is a valuable asset. French, in particular, should be considered by students, especially if they intend to pursue a career in the federal public service.

- ~~200-Level, 300-Level or 400-Level POLS Courses~~

Choose **3 credit units** from the following:

Public Administration and Public Policy

- [POLS 222.3](#)
- [POLS 225.3](#)
- [POLS 226.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [POLS 326.3](#)
- [POLS 328.3](#)
- [POLS 422.3](#)
- [POLS 424.3](#)
- [POLS 425.3](#)

Choose **3 credit units** from the following:

Comparative Politics and Area Studies

- [POLS 246.6](#)
- [POLS 248.3](#)
- [POLS 249.3](#)
- [POLS 253.3](#) and [POLS 254.3](#) (formerly POLS 247)
- ~~[POLS 256.3](#) (formerly [POLS 255.6](#))~~
- [POLS 343.3](#)
- [POLS 346.3](#)
- [POLS 385.3](#)
- [POLS 441.3](#)
- [POLS 443.3](#)
- [POLS 446.3](#)
- [POLS 447.3](#)

International Relations

- POLS 261.3 and POLS 262.3 (formerly POLS 260.6)

- ~~POLS 362.3~~
- ~~POLS 364.3~~
- ~~POLS 368.3~~
- ~~POLS 370.3~~
- ~~POLS 372.3~~
- ~~POLS 375.3~~
- ~~POLS 376.3 (formerly POLS 365.6)~~
- ~~POLS 460.3~~
- ~~POLS 462.3~~
- ~~POLS 465.3~~
- ~~POLS 466.3~~
- ~~POLS 471.3~~

Bachelor of Arts Honours (B.A. Honours) - Political Studies

B6 Major Requirement (48 credit units)

- [POLS 204.3](#) and [POLS 205.3](#) (formerly POLS 203)
- [POLS 236.3](#) and [POLS 237.3](#) (formerly POLS 235)
- [POLS 261.3](#) and [POLS 262.3](#) (formerly POLS 260)

Students must consult with the department in the selection of their other courses.

Choose **6 credit units** from the following:

- [400-Level POLS Courses](#)

~~Choose **30 credit units** from the following:~~

~~A minimum of 6 credit units must be chosen from two of Public Administration and Public Policy, Comparative Politics and Area Studies or International Relations subfields. Students are advised that a second language is a valuable asset. French, in particular, should be considered by students, especially if they intend to pursue a career in the federal public service.~~

- ~~200-Level, 300-Level or 400-Level POLS Courses~~

Choose **6 credit units** from the following:

Public Administration and Public Policy

- [POLS 222.3](#)
- [POLS 225.3](#)
- [POLS 226.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [POLS 326.3](#)
- [POLS 328.3](#)
- [POLS 422.3](#)
- [POLS 424.3](#)
- [POLS 425.3](#)

Choose **6 credit units** from the following:
Comparative Politics and Area Studies

- [POLS 246.6](#)
- [POLS 248.3](#)
- [POLS 249.3](#)
- [POLS 253.3](#) and [POLS 254.3](#) (formerly POLS 247)
- ~~[POLS 256.3](#) (formerly [POLS 255.6](#))~~
- [POLS 343.3](#)
- [POLS 346.3](#)
- [POLS 385.3](#)
- [POLS 441.3](#)
- [POLS 443.3](#)
- [POLS 446.3](#)
- [POLS 447.3](#)

Choose **12 credit units** from the following:

- [200-Level, 300-Level or 400-Level POLS Courses](#)

International Relations

- ~~[POLS 261.3](#) and [POLS 262.3](#) (formerly [POLS 260.6](#))~~
- ~~[POLS 362.3](#)~~
- ~~[POLS 364.3](#)~~
- ~~[POLS 368.3](#)~~
- ~~[POLS 370.3](#)~~
- ~~[POLS 372.3](#)~~
- ~~[POLS 375.3](#)~~
- ~~[POLS 376.3](#) (formerly [POLS 365.6](#))~~
- ~~[POLS 460.3](#)~~
- ~~[POLS 462.3](#)~~
- ~~[POLS 465.3](#)~~
- ~~[POLS 466.3](#)~~
- ~~[POLS 471.3](#)~~

B7 Electives Requirement (36 credit units)

Required Cognate Courses (6 3 credit units)

Choose **6 3 credit units** from the following:

- [EGON 204.6](#)
- [CMPT 100.3](#)
- [POLS 256.3](#) or any equivalent social sciences methodology course (*SOC 232.3 will be considered to be an equivalent social sciences methodology course for all students, and will be programmed into DegreeWorks as such, in a way that does not display explicitly to students. This will allow the course to automatically be used in the correct way, without advantaging the course over other potential options.*)

- [STAT 244.3](#)
- ~~or a language other than English~~

The final grade from [POLS 256.3](#) will be included in the major average and will be counted in the 48 credit units required in B6.

Rationale: The proposed revisions simplify the program requirements and align more closely with the department's actual courses offerings. Changes in faculty complement due to retirements have impacted some areas of study more than others. The Department will be making adjustments to courses as a result, and the proposed changes will allow students to more easily use future courses as part of their program without requiring formal exceptions or substitutions.

INTER-DIVISIONAL/COLLEGE

Revision of College Policy/Regulation

Under the Second Degree Programs information in the Course and Program Catalogue:

1. Revise the requirements for the B.F.A. as a Second Degree to require a minimum of 30 (rather than 60) additional credit units.
2. Add information for the B.Mus. as a Second Degree.
3. Remove currently included information regarding a second degree after a B.Mus. degree.
4. Revise the information for students completing a degree after the B.Ed./B.Mus. (Mus.Ed.) combined program.
5. Update the information for B.A., B.Sc., or B.A.&Sc. programs as a Second Degree.
6. Update the information for Arts & Science Second Degrees for students entering from other Colleges.

Second Degree Programs

Programs in Arts & Science and in other colleges of this University may be combined to enable the student to obtain more than one degree in less time than if the two programs were taken separately. Students intending to complete degrees from Arts & Science and from another college should be aware that they must be admitted to the other college before they can receive the other college degree. It is possible to complete an Arts & Science degree while registered as a student in another college.

Students who wish to follow a Second Degree Program are advised to consult the Undergraduate Student Office of the College of Arts & Science to ascertain the precise course requirements. The duration of the Second Degree Program and the course requirements are determined by the following regulations:

1. *Residency requirement:* Students must meet the residency requirements for the College of Arts & Science.
2. *Additional credit requirements:* Students pursuing a B.A. or B.Sc. degree, in addition to another different degree, must complete at least 30 Arts & Science credit units not used for the other degree. These additional Arts & Science credits are required regardless of the number of Arts & Science courses included in the program leading to the first degree. These courses must be allowable for credit in the College of Arts & Science.
3. *Program requirement:* Students must satisfy all program requirements and the graduation standards for the degree being attempted.
Note: In some cases, these regulations may mean that students are required to take more than the minimum 90 credit units for a Three-year degree or more than 120 credit units for a Four-year or Honours degree. The credit units which are in excess of the 90 or 120 may or may not be in the subject of the major.
4. For students completing an Arts & Science degree and a degree from another college, the number of senior (200-level, 300-level and 400-level) credit units required is dependent on the courses chosen for the degree in the other college. To determine requirements for the second degree, **students must consult the Undergraduate Student Office, College of Arts & Science**, prior to their final year.
5. *Date of commencement of a program:* Once a degree has been received, students must complete the program requirements and the graduation standards which are in place for the academic session in which they begin their studies toward the additional degree or certificate (For example, students who complete a B.Sc. Three-year and return to upgrade to a B.Sc. Four-year must follow the new B.Sc. Program). If the date of program commencement is more than 10 years ago, students should contact the Undergraduate Student Office. Such students will be required to meet the current degree requirements.
6. The overall and major Cumulative Weighted Averages (C.W.A.) for Arts & Science graduation are calculated on grades from all University of Saskatchewan courses taken, including any course from another college which credits toward the Arts & Science degree and all Arts & Science

courses taken while in another college. This means that the average will include all courses which transfer to the College of Arts & Science, even if they exceed the minimum number of credit units required for the Second Degree program requirements. Under certain restrictions, failures and marks below 60% will be excluded from the average if these courses have been retaken in accordance with the rules of the College. See "Cumulative Weighted Average" in this section.

7. Students who have completed a B.A. Type A (Humanities) prior to a B.Sc. (Science) are exempt from the Humanities Writing Requirement for B.Sc. programs.

Arts & Science

Second B.A., B.A.&Sc. or B.Sc. Degree (B.A. and B.A., B.A.&Sc. and B.A.&Sc., or B.Sc. and B.Sc.)

The following regulations apply to students who have a B.A. and wish to complete a second B.A., have a B.A.&Sc. and wish to complete a second B.A.&Sc., or who have a B.Sc. and wish to complete a second B.Sc.:

1. After completion of a B.A., B.A.&Sc., or B.Sc. degree, it is possible to obtain a second Four-year or Honours B.A., B.A.&Sc. or B.Sc. degree that is in a different major. Students who have completed their previous degree at the University of Saskatchewan must complete a minimum of 30 credit units so as to satisfy all the requirements for a different major, and such that the 30 credit units includes a minimum of 12 credit units of relevant courses as approved by the department of the new major.
2. Students transferring from another institution and pursuing a second B.A., B.A.&Sc. or B.Sc. Four-year or Honours degree must meet the residency requirements of the College of Arts and Science for the degree in the same manner as for a first degree program (see Residency Regulations).
3. The B.A. Three-year degree is not available to a student who holds a previous B.A. degree, and the B.Sc. Three-year degree is not available to a student who holds a previous B.Sc. degree.
4. **Students completing a Three-year degree and then a Four-year or Honours degree must complete at least 120 credit units, of which at least 66 total senior credit units are required. Students completing a Four-year or Honours degree and then another Four-year or Honours degree must complete at least 150 credit units, of which at least 90 total senior credit units are required.**

~~B.A. and B.A.&Sc. or B.Sc., B.A.&Sc. and B.A. or B.Sc., or B.Sc. and B.A. or B.A.&Sc.~~

~~The following regulations apply to students who have a B.A. and wish to complete a B.A.&Sc. or B.Sc., have a B.A.&Sc. and wish to complete a B.A. or B.Sc. or who have a B.Sc. and wish to complete a B.A. or B.A.&Sc.:~~

- ~~1. Students may not receive two Three-year degrees.~~
- ~~2. To receive a Four-year or Honours B.A. after a B.A.&Sc. or B.Sc. degree, a Four-year or Honours B.A.&Sc. after a B.A. or B.Sc., or a Four-year or Honours B.Sc. after a B.A. or B.A.&Sc. degree, students must complete a minimum of 30 additional credit units and fulfill all program requirements. The 30 additional credit units are required regardless of whether the first degree was a Three-year, Four-year or Honours degree. Students must complete at least 120 to 150 credit units. Of the 120 credit units at least 66 credit units must be at the senior level. Of the 150 credit units at least 90 credit units must be at the senior level.~~
- ~~3. To receive a Three-year degree, students must complete a minimum of 30 additional credit units and fulfill all program requirements. Only students who have completed a Four-year or Honours degree may subsequently complete a Three-year degree. Students must complete at least 150 credit units.~~

B.A. as a Second Degree

The following regulations apply to students who have any undergraduate degree from the University of Saskatchewan, other than a B.A., and wish to complete a B.A.:

1. Students may not receive two Three-year degrees.
2. To receive a Four-year or Honours B.A. after another undergraduate degree, students must complete a minimum of 30 additional credit units not used in any previous degree, and fulfill all program requirements. The 30 additional credit units are required regardless of whether the first degree was a Three-year, Four-year or Honours degree. Additional credit units may be required to fulfill all program requirements.
3. If students complete a Three-year degree and a Four-year or Honours degree, in either order, a minimum of 66 total senior credit units are required. If students complete any combination of two Four-year or Honours degrees a minimum of 90 total senior credit units are required.
4. To receive a Three-year degree, students must complete a minimum of 30 additional credit units and fulfill all program requirements. Only students who have completed a Four-year or Honours degree may subsequently complete a Three-year degree. Students must complete at least 150 credit units for the two degrees.

B.Sc. as a Second Degree

The following regulations apply to students who have any undergraduate degree from the University of Saskatchewan, other than a B.Sc., and wish to complete a B.Sc.:

1. Students may not receive two Three-year degrees.
2. To receive a Four-year or Honours B.Sc. after another undergraduate degree, students must complete a minimum of 30 additional credit units not used in any previous degree, and fulfill all program requirements. The 30 additional credit units are required regardless of whether the first degree was a Three-year, Four-year or Honours degree. Additional credit units may be required to fulfill all program requirements.
3. If students complete a Three-year degree and a Four-year or Honours degree, in either order, a minimum of 66 total senior credit units are required. If students complete any combination of two Four-year or Honours degrees a minimum of 90 total senior credit units are required.
4. To receive a Three-year degree as the second degree, students must complete a minimum of 30 additional credit units and fulfill all program requirements. Only students who have completed a Four-year or Honours degree may subsequently complete a Three-year degree. Students must complete at least 150 credit units for the two degrees.

B.A.&Sc. as a Second Degree

The following regulations apply to students who have any undergraduate degree from the University of Saskatchewan, other than a B.A.&Sc., and wish to complete a B.A.&Sc.:

1. To receive a Four-year or Honours B.A.&Sc. after another undergraduate degree, students must complete a minimum of 30 additional credit units not used in any previous degree, and fulfill all program requirements. The 30 additional credit units are required regardless of whether the first degree was a Three-year, Four-year or Honours degree. Additional credit units may be required to fulfill all program requirements.
2. If students have previously completed a Three-year degree a minimum of 66 total senior credit units are required. If students have previously completed a Four-year or Honours degree a minimum of 90 total senior credit units are required.

Upgrade of Arts & Science Three-year degree to Four-year or Honours degree, or Four-year degree to Honours degree

The following regulations apply to students who are upgrading their B.A., ~~or~~ B.Sc. ~~or~~ B.A.&Sc. to a higher degree in the same major. For example, a student with a B.A. Three-year in Sociology may upgrade to a B.A. Four-year in Sociology or a student with a B.Sc. Four-year in Biology may upgrade to a B.Sc. Honours in Biology.

Only Arts & Science degrees earned at the University of Saskatchewan may be upgraded at the University of Saskatchewan. Students with degrees from other institutions are invited to pursue the other second degree options available.

1. Students who have a Three-year degree with the minimum 90 credit units must complete a minimum of 30 additional credit units and fulfill all program requirements in order to upgrade to a Four-year or Honours degree. A minimum of 120 credit units is required for the Four-year or Honours degree.
2. Students with a Four-year degree may upgrade to an Honours degree in the same major provided that there are additional Honours program requirements remaining and that they successfully complete these requirements.
3. Students who have already completed all program requirements for an Honours degree, Certificate, or B.F.A. degree, but did not achieve the C.W.A. graduation standard required for Honours, are not permitted to take or retake courses to upgrade to an Honours degree under this policy.
4. Students who complete a degree and return to upgrade to a higher-level degree must follow the current program requirements.

Degrees for students with a B.A. or B.Sc. from another university

Students with an ~~undergraduate B.A. or B.Sc.~~ degree from another university may be allowed to receive an ~~undergraduate B.A. or B.Sc.~~ degree from the **College of Arts & Science at the** University of Saskatchewan. Students are required to meet the residency requirements and to complete program requirements. Students who wish to pursue such an option must consult the Undergraduate Student Office, College of Arts & Science.

~~Arts and Science~~ B.F.A. (In Studio Art or Drama) as a Second Degree

Students who have completed another degree **at the University of Saskatchewan** and wish to complete a B.F.A. degree must complete a minimum of ~~60~~ **30** additional credit units. All program requirements for the B.F.A. must also be completed. Students who have completed a B.F.A. in Studio Art cannot subsequently complete a B.A. Three-year or Four Year in Studio Art. Students who have completed a B.F.A. in Drama cannot subsequently complete a B.A. **Honours**, Four-year or Three-year in Drama.

Bachelor of Music (B.Mus.) as a Second Degree

~~Students who have completed another degree(s) and wish to complete a B.Mus degree must complete a minimum of 30 credit units not used for any previous degree. All program requirements for the B.Mus. must also be completed. Students who have completed a B.Mus. cannot subsequently complete a B.A. Honours, Four-year or Three-year in Music.~~

Other Colleges

Arts & Science and Agriculture & Bioresources, ~~Dentistry, Education,~~ Edwards School of Business, Engineering, Kinesiology, ~~Medicine,~~ Nursing, Nutrition & Dietetics, Pharmacy, Veterinary Medicine

Students who wish to pursue a second degree program in Arts & Science with a degree from another college (listed above) must complete the required minimum additional 30 credit units. Students must complete all of the program requirements for the chosen degree type and major.

~~Arts & Science and Dentistry or Medicine~~

~~The Second Degree Program in Arts & Science and Dentistry or Medicine, leading to the B.A. or B.Sc. and D.M.D or M.D. is available.~~

Please consult the Undergraduate Student Office for more information.

~~Arts & Science and Education~~

~~The Second Degree Program for the B.A. or B.Sc. Three-year and B.Ed. requires a minimum of 156 credit units and completion of all program and degree requirements. Students who have been awarded a B.Ed. and wish to receive a B.A. or B.Sc. Three-year degree must complete at least 30 additional credit units in Arts & Science, in addition to any Arts & Science courses used in completing the Education degree, as well as completing all program and degree requirements. Students may also choose to complete a B.A. or B.Sc. Four-year or Honours degree. Such students should consult the Undergraduate Student Office.~~

Arts & Science and Law

The Second Degree Program in Arts & Science and Law, leading to the B.A. or B.Sc. and J.D., is available. Up to 18 credit units of the following courses in the law program may be counted as senior electives in the College of Arts & Science by students following the Second Degree Program:

[LAW 340.3](#), [LAW 390.3](#), [LAW 393.3](#), [LAW 394.3](#), [LAW 395.3](#), [LAW 425.3](#), [LAW 431.3](#), [LAW 432.3](#), [LAW 433.3](#), [LAW 436.3](#), [LAW 437.3](#), [LAW 444.3](#), [LAW 457.3](#), [LAW 460.3](#), [LAW 462.3](#), [LAW 474.3](#), [LAW 486.3](#).

Grades from all of the courses attempted from this list will be used in the calculation of the Arts & Science average.

Students must be admitted to the College of Law to be eligible for the J.D.

~~B.A. or B.Sc. and Bachelor of Music (B.Mus.)~~

~~Students may choose a Second Degree Program in Arts & Science and Music leading to the B.A. or B.Sc. Three-year and B.Mus. (composition and theory, musicology, performance, or individualized) subject to the following conditions:~~

- ~~1. The 90 credit units needed for the B.A. or B.Sc. Three-year degree shall include not more than 33 credit units in music as follows: MUS 120.2, MUS 121.2, MUS 133.3, MUS 134.3, MUS 150.3, MUS 151.3, MUS 220.2, MUS 221.2, MUS 233.3, MUS 234.3, MUS 241.3, MUS 250.3, 1 credit unit MUAP ensemble; and an additional 9 credit units in consultation with the Department of Music. At least 48 credit units in non-music courses are required.~~
- ~~2. The 120 credit units needed for the B.A. or B.Sc. Four-year or Honours degree shall include not more than 33 credit units in music as follows: MUS 120.2, MUS 121.2, MUS 133.3, MUS 134.3, MUS 150.3, MUS 151.3, MUS 220.2, MUS 221.2, MUS 233.3, MUS 234.3, MUS 241.3, MUS 250.3, 1 credit unit MUSP ensemble; and an additional 15 credit units in music, 12 of which must be at the 300- or 400- level. At least 72 credit units in non-music courses are required.~~
- ~~3. All music courses taken will be used for the purposes of calculation of the C.W.A.~~

- ~~4. Students must major in a subject other than music in the B.A. or B.Sc.~~

~~Note: This Second Degree Program does not apply to students in the B.Ed./B.Mus.(Mus.Ed.) or the B.Mus.(Music Education) program.~~

Arts & Science Degree ~~B.A. or B.Sc.~~ and B.Ed./B.Mus.(Mus.Ed.)

Students who have completed the B.Ed./B.Mus.(Mus.Ed.) may ordinarily complete the work for **an undergraduate degree in Arts & Science** ~~the B.A. or B.Sc. Three-year~~ upon successful completion of an additional 30 Arts & Science credit units. ~~Such students may not receive a B.A. in Music or a B.Mus. in Music Education degree as a subsequent degree. See "Arts & Science and Education" above.~~ Students must consult the Undergraduate Student Office for details.

Rationale:

1. When the BSc, BA, and BA&Sc as a Second Degree program requirements were revised/approved (in the order listed), the requirements for the BFA were not updated from the additional 60 credit units that was previously the norm for all programs. This meant that if a student completes a BA program and then the BFA, they are required to complete 60 additional credit units, but if they complete the BFA and then the BA, they are only required to complete 30 additional credit units. As there is no reason for this difference, and result in obvious inequality, the BFA program requires revision.
2. There was previously no information regarding the BMus as a Second Degree in the Program Catalogue. This corrects that omission and aligns the minimum requirements with all other Arts & Science programs. The rules have also been made explicit that students with a BMus degree may not go on to complete a B.A. in Music, which in the case of Music is a lower level of study.
3. The Program Catalogue currently lists rules for completing a "B.A. or B.Sc. and Bachelor of Music (B.Mus.)". These rules are out of date (EMUS and MUAP courses are now counted for Arts & Science credit), and do not reference the full range of Arts & Science programs. Students with a BMus degree can now follow the general information for Arts & Science degrees as Second Degrees.
4. The information regarding students who have completed the B.Ed./B.Mus. (Mus.Ed.) combined program has been revised to recognize the creation of the BMus in Music Education. The rules have also been made explicit that such students may not go on to complete a B.A. in Music, which in the case of Music is a lower level of study.
5. Information for the BA, BSc and the BA&Sc programs as a Second Degree has been updated to recognize that students may enter second degree programs with a variety of first degrees.
6. Information for students entering Arts & Science with a degree in Dentistry, Education or Medicine has been revised to reflect current practice, which has evolved due to program changes in these colleges which have affected their use of Arts & Science courses and/or the number of credit units required in their programs.

New Course

INTS 110.3 The Art and Science of Almost Everything

1/2 (2L-1S) This team-taught, foundational course highlights ways of knowing across multiple disciplines in the fine arts, humanities, sciences, and social sciences. It asks students to think about how a particular theme or subject is considered, theorized, and addressed by and across various academic disciplines in the College of Arts and Science. The course helps students to learn about a wide variety of perspectives in understanding the world; identify differences between disciplines; understand that disciplines are tools for exploration; and build community across departments and disciplinary approaches. At least one unit of the course focuses on Indigenous perspectives, and the course is writing intensive.

Note: INTS 110.3 is intended as a first-year Arts & Science course. In order to register, students must be registered in the College of Arts & Science and have successfully completed no more than 30 university credit units.

Rationale: The Foundations Course Working Group, part of the College of Arts and Science Curriculum Renewal initiative, believes that there is a need for a Foundational first-year course in the College. Students in the College can feel that they are part of a large, impersonal grouping within the university whose parts do not have much connection to one another; they can also feel unsure of which direction to

take their studies. This course is a strategic way to introduce first-year Arts and Science students to a variety of disciplines in their College, highlighting the advantages of a College that encompasses so many disciplines. The course makes connections among ways of knowing across multiple disciplines and shows students how disciplines are tools for understanding the world. The course is also a strategic method for building a sense of community among students from diverse parts the College.

The course as conceived will be a signature feature of the College and will be useful to any student in the College. The course aligns with core learning goals of the University Learning Charter and with College Program Goals, including developing communication skills, engaging students in critical thinking and creative processes, and cultivating a socio-cultural understanding of Indigenous peoples in Canada. In addition, the course aligns with the goals of the other Curriculum Renewal Working Groups in being partially focused on Indigenous ways of knowing and in being writing intensive.

The theme or subject of the course will vary each term. While the model course outline focuses on The Art and Science of Beauty, other iterations of the course may focus on such diverse topics as The Art and Science of Chaos, AIDS, Light, Creativity, Play, Life, Conspiracy, Going Viral, etc. Each year, there will be an open call for proposal of themes, and all departments and programs within the College will be invited to contribute a module on the chosen theme(s).

Items for Information

The curricular revisions listed below were approved through the Arts & Science College Course and Program Challenge and are now submitted to the University Course Challenge for information.

DIVISION OF HUMANITIES AND FINE ARTS

Classical, Medieval & Renaissance Studies

Minor Program Revisions

Bachelor of Arts Honours, Double Honours, Four-year and Minor in Classical, Medieval, and Renaissance Studies

All programs

Under ALL Areas of Concentration and Period Requirements, and in the CMRS electives

- add “CMRS Special Topics courses can be used with approval of the Program Director”

Four year B.A. and Honours B.A.

Under Period Requirements “Late Antiquity and Early Middle Ages”

- add HIST 221.3 Sub Roman Anglo Saxon and Viking Britain 400 to 1066

Under Period Requirements “Later Middle Ages and Renaissance”

- delete HIST 221.3 Sub Roman Anglo Saxon and Viking Britain 400 to 1066

Under Area of Concentration “Classical Thought and the History of Ideas” and CMRS electives “Classical Thought and the History of Ideas”

- add RLST 300.3 Hidden Books of the Bible, on the Apocrypha/Deuterocanonicals

Double Honours

Under Area of Concentration “Classical Thought and the History of Ideas”

- add RLST 300.3 Hidden Books of the Bible, on the Apocrypha/Deuterocanonicals
- note: this is a new course, recently proposed

Minor

Under Area of Concentration “Classical Thought and the History of Ideas”

- add RLST 300.3 Hidden Books of the Bible, on the Apocrypha/Deuterocanonicals

Note: Portions of lists not shown remain unchanged.

Bachelor of Arts Four-year (B.A. Four-year) - Classical, Medieval and Renaissance Studies

A6 Major Requirement (57 credit units)

Of the total 57 credit units required at least 3 credit units must be at the 300-level.

- [CMRS 401.3](#)

Period Requirements

Choose 6 credit units from each category:

Classical World

- [CLAS 110.3](#)
- ...
- [PHIL 209.3](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Late Antiquity and Early Middle Ages

- [CLAS 252.3](#)
- ...
- [HIST 218.3](#)
- **HIST 221.3**
- [HIST 306.3](#)
- ...
- [RLST 363.3](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Later Middle Ages and Renaissance

- [CMRS 333.3](#)
- ...
- [HIST 218.3](#)
- **HIST 221.3**
- [HIST 222.3](#)
- ...
- [PHIL 212.3](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Areas of Concentration (24 credit units)

Courses must be selected from one of the following 3 areas:

History and Archaeology

- [ARCH 116.3](#)
- ...
- [LATN 400.3*](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Literature, Fine Arts, Language

- [ARTH 120.3](#)
- ...
- [RLST 365.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Classical Thought and the History of Ideas

- [CLAS 252.3](#)
- ...
- [RLST 283.3](#)
- [RLST 300.3](#)
- [RLST 303.3](#)
- ...
- [RLST 363.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

* A shell course that may be taken more than once

Classical, Medieval and Renaissance Studies Electives (12 credit units)

Courses must be selected from the Areas of Concentration:

History and Archaeology

- [ARCH 116.3](#)
- ...
- [LATN 400.3*](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Literature, Fine Arts, Language

- [ARTH 120.3](#)
- ...
- [RLST 365.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Classical Thought and the History of Ideas

- [CLAS 252.3](#)
- ...
- [RLST 283.3](#)
- [RLST 300.3](#)
- [RLST 303.3](#)
- ...
- [RLST 363.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

* A shell course that may be taken more than once

Bachelor of Arts Honours (B.A. Honours) - Classical, Medieval & Renaissance Studies

A6 Major Requirement (54 credit units)

Of the total 54 credit units required, at least 6 credit units must be at the 300-level and 12 credit units at the 400-level (includes [CMRS 401.3](#) and [CMRS 402.3](#)).

- [CMRS 401.3](#)
- [CMRS 402.3](#)
- [HIST 494.0](#)

Period Requirements

Choose 6 credit units from each category for a total of 18 credit units

Classical World

- [CLAS 110.3](#)
- ...
- [PHIL 209.3](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Late Antiquity and Early Middle Ages

- [CLAS 252.3](#)
- ...
- [HIST 218.3](#)
- **HIST 221.3**
- [HIST 306.3](#)
- ...
- [RLST 363.3](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Later Middle Ages and Renaissance

- [CMRS 333.3](#)
- ...
- [HIST 218.3](#)
- **HIST 221.3**
- [HIST 222.3](#)
- ...
- [PHIL 212.3](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Areas of Concentration (24 credit units)

Courses must be selected from one of the following 3 areas:

History and Archaeology

- [ARCH 116.3](#)
- ...
- [LATN 400.3*](#)
- **CMRS Special Topics courses can be used with approval of the Program Director**

Literature, Fine Arts, Language

- [ARTH 120.3](#)

- ...
- [RLST 365.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Classical Thought and the History of Ideas

- [CLAS 252.3](#)
- ...
- [RLST 283.3](#)
- [RLST 300.3](#)
- [RLST 303.3](#)
- ...
- [RLST 363.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

* A shell course that may be taken more than once

Classical, Medieval and Renaissance Studies Electives (6 credit units)

Choose 6 credit units from the courses listed in the following 3 Areas of Concentration

History and Archaeology

- [ARCH 116.3](#)
- ...
- [LATN 400.3*](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Literature, Fine Arts, Language

- [ARTH 120.3](#)
- ...
- [RLST 365.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Classical Thought and the History of Ideas

- [CLAS 252.3](#)
- ...
- [RLST 283.3](#)
- [RLST 300.3](#)
- [RLST 303.3](#)
- ...
- [RLST 363.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Classical, Medieval & Renaissance Studies - (B.A. Double Honours)

Program Requirements

- ...

Areas of Concentration (12 credit units)

Note: 298, 299, 398, 399, 498, 499 courses may be used toward period requirements depending on course content.

Courses must be selected from one of the following 3 areas:

History & Archaeology

- [ARCH 116.3](#)
- ...
- [LATN 400.3*](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Literature, Fine Arts & Language

- [ARTH 120.3](#)
- ...
- [RLST 365.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Classical Thought and the History of Ideas

- [CLAS 252.3](#)
- ...
- [RLST 283.3](#)
- [RLST 300.3](#)
- [RLST 303.3](#)
- ...
- [RLST 363.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Note: 298, 299, 398, 399, 498, 499 courses may be used toward period requirements depending on course content.

* A shell course that may be taken more than once

Classical, Medieval & Renaissance Studies - Minor

Program Requirements

- [CMRS 110.3](#) and [CMRS 111.3](#); or [INTS 101.12](#)

Areas of Concentration (18 credit units)

Courses must be selected from one of the following 3 areas:

History & Archaeology

- [ARCH 116.3](#)
- ...
- [LATN 400.3*](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Literature, Fine Arts & Language

- [ARTH 120.3](#)
- ...
- [RLST 365.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

Classical Thought and the History of Ideas

- [CLAS 252.3](#)
- ...
- [RLST 283.3](#)
- [RLST 300.3](#)
- [RLST 303.3](#)
- ...
- [RLST 363.3](#)
- CMRS Special Topics courses can be used with approval of the Program Director

* A shell course that may be taken more than once

English

Minor Course Revisions

Prerequisite changes to English courses as detailed:

Course #	Title	Old Pre- or Corequisite	New Prerequisite or Corequisite	Rationale
ENG 206.3	An Introduction to Cultural Studies	6 credit units of 100-level English	6 credit units of 100-level English; or 3 credit units 100-level ENG and INTS 101.	This prerequisite is now the standard for second-year English courses.
ENG 226.3	Fantasy and Speculative Fiction	6 credit units of 100-level English	6 credit units of 100-level English; or 3 credit units 100-level ENG and INTS 101.	
ENG 230.3	Literature for Children	6 credit units of 100-level English	6 credit units of 100-level English; or 3 credit units 100-level ENG and INTS 101.	
ENG 260.3	Crime and Detective Fiction	6 credit units of 100-level English	6 credit units of 100-level English; or 3 credit units 100-level ENG and INTS 101.	
ENG 300.3	New Directions in English Research	6 credit units of 200-level English.	3 credit units of 200-level English.	With the electronic registration system, some students are being
ENG 305.3	Canadian Fiction from Beginnings to 1960	6 credit units of 200-level English.	3 credit units of 200-level English.	

ENG 311.3	The Canterbury Tales	6 credit units of 200-level English.	3 credit units of 200-level English.	prevented from enrolling in 300-level courses until they have already completed 200-level courses, which was not the intention of the co-requisite. The dept. has determined that the best way to overcome this bottleneck, while still ensuring that students learn skills that are part of 200-level English, is to reduce the co-requisite / prerequisite to 3 credit units of 200-level English.
ENG 312.3	Early Chaucer Dream and Romance Tragedy	6 credit units of 100-level English.	3 credit units of 200-level English.	
ENG 313.3	Middle English Romances	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 314.3	Early British Drama	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 316.3	Middle English Literature of Defiance and Dissent	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 319.3	Renaissance Literature I The Sixteenth Century	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 322.3	Renaissance Literature II The Seventeenth Century	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 324.3	Renaissance Drama	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 326.3	Renaissance Epic	6 credit units of 100-level English.	3 credit units of 200-level English.	
ENG 327.3	English Drama 1660 to 1737	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 330.3	British and Irish Literature 1900 to 1950	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 331.3	Literature of the Romantic Period	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 334.3	Prose and Poetry of Victorian Period	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 335.3	The Emergence of Aboriginal Literature in Canada	6 credit units of 200-level English.	3 credit units of 200-level English.	

ENG 336.3	Restoration and 18th Century Literature to 1740	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 337.3	18th Century Literature after 1740	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 338.3	Contemporary North American Aboriginal Literatures	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 341.3	The British Novel 1850 to 1900	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 343.3	American Literature to 1865	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 344.3	American Literature 1865 to 1914	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 345.3	American Literature 1914 to 1960	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 347.3	American Literature Since 1960	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 348.3	Modern Drama 1870 to 1950	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 349.3	Contemporary Drama 1950 to Present	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 358.3	Canadian Drama	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 359.3	Western Canadian Literature	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 360.3	British and Irish Literature Since 1950	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 362.3	The British Novel 1800 to 1850	6 credit units of 200-level English.	3 credit units of 200-level English.
ENG 363.3	Approaches to 20th and 21st Century Fiction	6 credit units of 200-level English.	3 credit units of 200-level English.

ENG 368.3	Approaches to 20th and 21st Century Poetry	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 373.3	English Fiction to 1800	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 382.3	Canadian Fiction from 1960 to the Present	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 383.3	Rereading Colonialism	6 credit units of 200-level English.	3 credit units of 200-level English.	
ENG 389.3	Structures of English	6 credit units of 200-level English, or LING 111, or a senior course in a language.	3 credit units of 200-level English, or LING 111, or a senior course in a language.	Students will be adequately prepared for this course following 3 credit units of ENG, LING 111, or a 200-level or above course in another language.
ENG 420.3	Medieval Genres	Course only open to students in an Honours program.	Admission to an Honours program or permission of the Department.	The Restriction for this course was erroneously entered into the system at its creation 6 years ago. This change will correct the problem.

History

Course Split

HIST 289.6 The Menace of Progress: A History of Colonialism and the Failures of Development
into:

HIST 292.3 The Menace of Progress I: Enlightenment, Colonialism, Dispossession

1/2 (3L) This course explores the process of, reasons for, and arguments about European colonialism from the 16th to the mid-20th centuries. It links European colonialism to changes in Europe itself, most especially ideas of progress linked to the Enlightenment and capitalist relations of production. The dispossession of marginalized populations in Europe, and the rationales used for such dispossession, are compared to rationales for colonialism and colonial dispossession. The violence of colonial dispossession in various locales in Latin America, Africa and Asia, and heightened racism are explored as is the trend towards a focus on colonial 'development' in the 20th century.

Prerequisite(s): 3 credit units HIST at the 100 level, or INTS 101, or 30 credit units of University.

Note: Students with credit for HIST 289.6 may not take this course for credit.

HIST 293.3 The Menace of Progress II: The Promise and Failure of Development

1/2 (3L) This course examines the promise and ultimate failure of development. Stemming from the dismantling of colonial empires and the creation of an infrastructure to manage the international economy near the end of second World War, 'development' promised to end or dramatically reduce poverty around the world. Development policies ultimately failed to meet those goals and were replaced by neo-liberalism and arguments about good governance by the end of the 20th century. This course explores the idea of development and suggests the difficulties encountered in living up to its promises lie in its basic premises; reliant as they are on the continued desire to impose specific types of economic and social relations around the world---the continuation of what might be called the Menace of Progress. The course explores this history through an examination of post-independent economic policy in Africa, Asia and Latin America and an exploration of the history behind various ideas important to the concept of development: poverty, population and the expanded role of the market.

Prerequisite(s): 3 credit units HIST at the 100 level, or INTS 101, or 30 credit units of University.

Note: Students with credit for HIST 289.6 may not take this course for credit.

Rationale: The Department of History has decided that all courses except at the 400-level will be 3 credit unit courses. This is a popular course and is used in the International Studies Program. The split versions will be offered at least every second year. Course content easily accommodates a split.

Linguistics

Minor Program Revisions

Bachelor of Arts Four-year in Linguistics – General and Applied Linguistics Stream

Add new language courses, update list of ANTH courses, and add specified RLST courses to the major requirement.

[Bachelor of Arts Four-year \(B.A. Four-year\) - Linguistics - General and Applied Linguistics Stream](#)

[B4 Language Requirement \(6 credit units\)](#)

Choose **6 credit units** from the following:

- [CHIN 114.3](#)
- [CHIN 117.3](#)
- [CREE 101.6](#)
- [CREE 120.6](#)
- [ENG 110.6](#)
- [ENG 111.3](#)
- [ENG 112.3](#)
- [ENG 113.3](#)
- [ENG 114.3](#)
- [ESL 115.3 \(See course revision above\)](#)
- [ESL 116.3 \(See course revision above\)](#)
- [FREN 103.3](#)
- [FREN 106.3](#)
- [FREN 122.3](#)
- [FREN 125.3](#)
- [FREN 128.3](#)
- [FREN 218.3](#)
- [GERM 114.3](#)
- [GERM 117.3](#)
- [GRK 112.3](#)
- [GRK 113.3](#)
- [HEB 111.6](#)
- [HNDI 114.3](#)
- [HNDI 117.3](#)
- [JPNS 114.3](#)
- [JPNS 117.3](#)
- [LATN 112.3](#)
- [LATN 113.3](#)
- [LIT 100.6](#)
- [RUSS 114.3](#)
- [RUSS 117.3](#)
- [SNSK 114.3](#)
- [SNSK 117.3](#)
- [SPAN 114.3](#)
- [SPAN 117.3](#)

- [UKR 114.3](#)
- [UKR 117.3](#)
- Any senior-level language course provided that the prerequisite is met and not more than 6 credit units in one subject are used for the Humanities or Languages Requirement.

B6 Major Requirement (36 credit units)

No more than 6 credit units at the 100-Level may be used to satisfy the Major Requirements. Choose **21 credit units** from the following:

- [200-Level, 300-Level or 400-Level LING Courses](#)
- [LING 110.3](#) (LING 110 is one of the LING options, not a required course.)

Choose **15 credit units** from the following:

Linguistics

Language

- [100-Level, 200-Level, 300-Level or 400-Level CHIN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CREE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level FREN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GERM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GRK Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HEB Courses](#)
- [100-Level, 200-Level JPNS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level LATN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RUSS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SNSK Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SPAN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level UKR Courses](#)
- [ESL 115.3](#) (See course revision above)
- [ESL 116.3](#) (See course revision above)
- [HNDI 114.3](#)
- [HNDI 117.3](#)

English

Computer Science

Psychology

Anthropology

- [ANTH 224.3](#)
- [ANTH 225.3](#)
- [ANTH 226.3](#)
- [ANTH 227.3](#)
- [ANTH 230.3](#)
- [ANTH 231.3](#)
- [ANTH 232.3](#)
- [ANTH 233.3](#)
- [ANTH 235.3](#)
- [ANTH 240.3 Cultural Landscapes and Environments](#)

- ANTH 244.3 Political Ecology Anthropology and Global Environmental Issues
- [ANTH 302.3](#)
- ANTH 310.3 Anthropology of Gender
- [ANTH 321.3](#)
- [ANTH 326.3](#)
- ~~ANTH 327.3~~
- ANTH 328.3 Political and Legal Anthropology
- [ANTH 329.3](#)
- [ANTH 330.3](#)
- ANTH 332.3 Anthropology of Contagion and Infectious Disease Critical Gender and Race Perspectives
- [ANTH 337.3](#)
- [ANTH 339.3](#)
- [ANTH 354.3](#)
- ANTH 403.3 Anthropology of Healing
- [ANTH 421.3](#)
- [ANTH 422.3](#)
- ~~RLST 233.3~~

ANTH Special Topics courses with the permission of the Linguistics Program Chair

Communication

Philosophy

Women's and Gender Studies

Classics

Religious Studies

- RLST 111.3 Asian Religions
- RLST 112.3 Western Religions in Society and Culture
- RLST 113.3 Islamic Civilization and Culture
- RLST 211.3 Intro Hinduism
- RLST 214.3 Into Philosophies of India
- RLST 215.3 Indian Yoga Heritage
- RLST 217.3, Buddhist religious Traditions
- RSLT 218.3 Developments in Buddhist Thought
- RLST 219.3 Bible & Western Culture
- RLST 222.3 Mystics, Monks and Heretics
- RLST 230.3 Magic Medicine and Metaphysics in Daoism
- RLST 231.3 Confucianism continuity and change
- RLST 234.3 Chinese Folk religion and folk culture
- RLST 240.3 Intro to Islam
- RLST 241.3 Islam in the Modern World
- RLST 253.3 Intro to the Old Testament
- RLST 254.3 Intro to the New Testament
- RLST 258.3 Bollywood & popular culture in India and the diaspora
- RLST 285.3 Religions and Ethnicity
- RLST 282.3 Death and Dying
- RLST 329.3 Studies in Bhagavad Gita
- RLST 321.3 Gender and God Talk

- [RLST 330.3 Daoism](#)
- [RLST 359.3 Helpmates, Harlots, Goddesses & Heroines](#)
- [RLST 361.3 Rabbinic Literature](#)
- [RLST 363.3 Early Christian Literature: Text & Context](#)
- [RLST 365.3 Bible & Film](#)

Rationale: Minor changes are introduced to reflect the addition of new language courses to the Course Catalogue (English as a Second Language, Hindi, and Japanese). The list of Anthropology Courses is updated following consultation with the Department of Anthropology and Archeology, and reflects changes to course offerings in that department. The addition of a Religious Studies section reflects overlaps of these disciplines in the areas of religious text analysis, minority language, religion and culture maintenance and culture.

Music

Minor Program Revisions

Bachelor of Music (Music Education)

Minor changes to Teaching Areas to align with changes proposed by the College of Education.

[Bachelor of Music \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Elementary/Middle Years](#)

[Bachelor of Music Honours \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Elementary/Middle Years](#)

[\(G1 Teaching Area 2\) - Arts Education](#)

[\(G1 Teaching Area 2\) - English Language Arts](#)

[\(G1 Teaching Area 2\) - Mathematics](#)

12 credit units

Choose **6 credit units** from the following:

- [100-Level MATH Courses](#)
- [100-Level STAT Courses](#)
- [COMM 104.3](#)

Choose **6 credit units** from the following:

- [200-Level, 300-Level or 400-Level MATH Courses](#)
- [200-Level, 300-Level or 400-Level STAT Courses](#)
- [CE 316.3](#)
- [COMM 207.3](#)
- [COMM 306.3](#)
- [COMM 393.3](#)
- [CMPT 393.3](#)
- [ECON 204.6](#)
- [ECON 306.3](#)

- [ECON 450.3](#)
- [GE 210.3](#)
- [GEOG 302.3](#)
- [PLSC 214.3](#)
- [PSY 233.3](#)
- [PSY 234.3](#)
- [SOC 225.3](#)
- [SOC 325.3](#)

(G1 Teaching Area 2) - Modern Languages

(G1 Teaching Area 2) - Native Studies

12 credit units

Choose **6 credit units** from the following:

- 100-Level, 200-Level, 300-Level or 400-Level NS Courses

Choose **6 credit units** from the following:

- 200-Level, 300-Level or 400-Level NS Courses
- CREE 101.6
- CREE 110.3
- CREE 120.6
- HIST 263.6
- HIST 264.3
- HIST 265.3
- POLS 222.3
- POLS 322.3
- POLS 323.3
- SOC 219.3
- SOC 319.3
- SOC 320.3
- SOC 341.3
- Up to 3 credit units from the following:
 - ARTH 252.6 (If chosen on 3 credit units will be used to fulfill this teaching area. The additional 3 credit units will be used as electives.)
 - ARTH 253.3
 - ARTH 255.3
 - ARTH 323.3
 - ARTH 358.3
 - ARTH 340.3
 - ARTH 345.3
 - ARTH 355.3
 - ARTH 418.3
 - ARTH 455.3

(G1 Teaching Area 2) - Physical Education

(G1 Teaching Area 2) - Science, General

[PLSC 214.3](#) may not be counted as part of this Teaching Area.

- [100-Level, 200-Level, 300-Level or 400-Level ACB Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [300-Level or 400-Level BIOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)
- [200-Level BMSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)

- [GE 226.3](#)
- [GEOG 120.3](#)
- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- ~~[GEOL 282.3](#)~~
- ~~[GEOL 334.3](#)~~
- ~~[GEOL 335.3](#)~~
- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [EP 370.3](#)
- [EP 421.3](#)
- ~~[NUTR 120.3](#)~~
- ~~[PHPY 301.3](#)~~
- ~~[PHPY 302.3](#)~~
- ~~[PHPY 303.3](#)~~
- ~~[PHPY 304.3](#)~~

- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 401.3](#)
- [PHPY 403.3](#)
- [PHPY 405.3](#)
- [PHPY 432.6](#)
- [PLSC 213.3](#)
- [PLSC 240.3](#)
- [PLSC 345.3](#)
- [PLSC 405.3](#)
- [PLSC 411.3](#)
- [PLSC 416.3](#)
- [PLSC 417.3](#)
- [PLSC 420.3](#)
- [PLSC 422.3](#)
- [PLSC 423.3](#)
- [PLSC 425.3](#)
- [PLSC 461.3](#)
- [TOX 300.3](#)

(G1 Teaching Area 2) - Social Sciences/Social Studies

Note: At least 6 credit units of the total 12 credit units must include Canadian content. HIST courses with Canadian content are: [HIST 125.3](#), [HIST 151.3](#), [HIST 152.3](#), [HIST 253.3](#), [HIST 255.3](#), [HIST 256.3](#), [HIST 257.3](#), [HIST 258.3](#), [HIST 259.3](#), [HIST 260.3](#), [HIST 263.6](#), [HIST 264.3](#), [HIST 265.3](#), [HIST 266.3](#), [HIST 310.3](#), [HIST 350.3](#), [HIST 353.3](#), [HIST 361.3](#), [HIST 362.3](#), [HIST 363.3](#), [HIST 364.3](#), [HIST 365.3](#), [HIST 410.3](#), [HIST 450.6](#), ~~[HIST 464.6](#)~~, [HIST 466.3](#), [HIST 492.6](#); ECON course with Canadian content is: [ECON 231.3](#); GEOG courses with Canadian content are: [GEOG 202.3](#), [GEOG 204.3](#), [GEOG 381.3](#), [GEOG 386.3](#), [PLAN 342.3](#), [PLAN 343.3](#), [PLAN 442.3](#); POLS courses with Canadian content are: [POLS 204.3](#), [POLS 205.3](#), [POLS 222.3](#), [POLS 225.3](#), [POLS 226.3](#), [POLS 303.3](#), [POLS 304.3](#), [POLS 305.3](#), [POLS 306.3](#), [POLS 307.3](#), [POLS 322.3](#), [POLS 323.3](#), [POLS 349.3](#), [POLS 375.3](#), [POLS 376.3](#), [POLS 404.3](#), [POLS 405.3](#), [POLS 422.3](#), [POLS 424.3](#), [POLS 425.3](#); SOC courses with Canadian content are: [SOC 203.3](#), [SOC 204.3](#), [SOC 219.3](#), [SOC 227.6](#), [SOC 244.3](#), [SOC 246.3](#), [SOC 319.3](#); all NS courses are acceptable except [NS 221.3](#) and [NS 272.3](#).

12 credit units

Choose **3 credit units** from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Choose **3 credit units** from the following:

- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [NS 271.3](#)

- NS 280.6
- NS 281.3

Choose **6 credit units** from the following:

- *No changes to this section*

[Bachelor of Music \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Secondary](#)
[Bachelor of Music Honours \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Secondary](#)

[\(G1 Teaching Area 2\) - Biology](#)

15 credit units

Choose **6 credit units** from the following:

- [100-Level BIOL Courses](#)

Choose **6 credit units** from the following:

- [BIOL 222.3](#)
- [BIOL 224.3/BMSC 224.3](#)
- [BIOL 228.3](#)
- [BIOL 301.3](#)
- [BIOL 302.3](#)
- [BIOL 312.3](#)
- [BIOL 318.3](#)
- [BIOL 324.3](#)
- [BIOL 325.3](#)
- [BIOL 326.3](#)
- [BIOL 350.3](#)
- [BIOL 361.3](#)
- [BIOL 365.3](#)
- [BIOL 373.3](#)
- [BIOL 410.3](#)
- [BIOL 412.3](#)
- [BIOL 424.3](#)
- [BIOL 436.3](#)
- [BIOL 451.3](#)
- [BIOL 455.3](#)
- [BIOL 458.3](#)
- [BIOL 466.3](#)
- [BIOL 470.3](#)
- [BIOL 475.3](#)
- [BIOL 480.3](#)
- [BIOL 481.6](#)
- [PHPY 401.2](#)
- [PHPY 405.3](#)
- [PLSC 213.3](#)
- [PLSC 235.3](#)
- [PLSC 240.3](#)
- [PLSC 301.3](#)

- PLSC 345.3
- PLSC 405.3
- PLSC 411.3
- PLSC 412.3
- PLSC 416.3
- PLSC 417.3
- PLSC 420.3
- PLSC 420.3
- PLSC 422.3
- PLSC 423.3
- PLSC 425.3
- PLSC 432.3
- PLSC 461.3

Choose **3 credit units** from the following:

- [200-Level, 300-Level or 400-Level ACB Courses](#)
- [300-Level or 400-Level BIOC Courses](#)
- [200-Level, 300-Level or 400-Level BIOL Courses](#)
- [200-Level, 300-Level or 400-Level MCIM Courses](#)
- [200-Level BMSC Courses](#)
- [HSC 350.3](#)
- PHPY 301.3
- PHPY 302.3
- PHPY 303.3
- PHPY 306.3
- PHPY 403.3
- PHPY 432.6

(G1 Teaching Area 2) - Chemistry

15 credit units

Choose **6 credit units** from the following:

- [100-Level CHEM Courses](#)

Choose **9 credit units** from the following:

A course in Analytical Chemistry or Inorganic Chemistry is recommended.

- [300-Level or 400-Level BIOC Courses](#)
- [200-Level BMSC Courses](#)
- [200-Level, 300-Level or 400-Level CHEM Courses](#)

- PHPY 302.3
- PHPY 304.3
- PYPY 305.3
- PHPY 306.3
- PHPY 307.3
- PHPY 432.6
- TOX 300.3

(G1 Teaching Area 2) - Drama

(G1 Teaching Area 2) - English Language Arts

(G1 Teaching Area 2) - Mathematics

15 Credit Units

Choose **6 credit units** from the following:

- [100-Level MATH Courses](#)
- [100-Level STAT Courses](#)
- [COMM 104.3](#)

Choose **9 credit units** from the following:

- [200-Level, 300-Level or 400-Level MATH Courses](#)
- [200-Level, 300-Level or 400-Level STAT Courses](#)
- [CE 316.3](#)
- [CMPT 393.3](#)
- [COMM 207.3](#)
- [COMM 393.3](#)
- [ECON 204.6](#)
- [ECON 306.3](#)
- [ECON 450.3](#)
- [EPSE 441.3](#)
- [GE 210.3](#)
- [GEOG 302.3](#)
- [PLSC 214.3](#)
- [PSY 233.3](#)
- [PSY 234.3](#)
- [SOC 225.3](#)
- [SOC 325.3](#)

(G1 Teaching Area 2) - Modern Languages

(G1 Teaching Area 2) - Native Studies

15 credit units

Choose **6 credit units** from the following:

- 100-Level, 200-Level, 300-Level or 400-Level NS Courses

Choose **9 credit units** from the following:

- 200-Level, 300-Level or 400-Level NS Courses
- HIST 263.6
- HIST 264.3
- HIST 265.3
- POLS 222.3
- POLS 322.3
- POLS 323.3
- SOC 219.3
- SOC 319.3
- SOC 320.3
- SOC 341.3
- Up to 6 credit units from the following:
 - CREE 101.6
 - CREE 110.3
 - CREE 120.6
- Up to 3 credit units from the following:
 - ARTH 252.6 (If chosen on 3 credit units will be used to fulfill this teaching area. The additional 3 credit units will be used as electives.)
 - ARTH 253.3
 - ARTH 255.3
 - ARTH 323.3
 - ARTH 358.3
 - ARTH 340.3
 - ARTH 345.3
 - ARTH 355.3
 - ARTH 418.3
 - ARTH 455.3

(G1 Teaching Area 2) - Physical Education

(G1 Teaching Area 2) - Physics

(G1 Teaching Area 2) - Social Sciences/Social Studies

Note: At least 6 credit units of the total 15 credit units must include Canadian content. HIST courses with Canadian content are: [HIST 125.3](#), [HIST 151.3](#), [HIST 152.3](#), [HIST 253.3](#), [HIST 255.3](#), [HIST 256.3](#), [HIST 257.3](#), [HIST 258.3](#), [HIST 259.3](#), [HIST 260.3](#), [HIST 263.6](#), [HIST 264.3](#), [HIST 265.3](#), [HIST 266.3](#), [HIST 310.3](#), [HIST 350.3](#), [HIST 353.3](#), [HIST 361.3](#), [HIST 362.3](#), [HIST 363.3](#), [HIST 364.3](#), [HIST 365.3](#), [HIST 410.3](#), [HIST 450.6](#), ~~[HIST 464.6](#)~~, [HIST 466.3](#), [HIST 492.6](#); ECON course with Canadian content is: [ECON 231.3](#); GEOG courses with Canadian content are: [GEOG 202.3](#), [GEOG 204.3](#), [GEOG 381.3](#), [GEOG 386.3](#), [PLAN 342.3](#), [PLAN 343.3](#), [PLAN 442.3](#); POLS courses with Canadian content are: [POLS 204.3](#), [POLS 205.3](#), [POLS 222.3](#), [POLS 225.3](#), [POLS 226.3](#), [POLS 303.3](#), [POLS 304.3](#), [POLS 305.3](#), [POLS 306.3](#), [POLS 307.3](#), [POLS 322.3](#), [POLS 323.3](#), [POLS 349.3](#), [POLS 375.3](#), [POLS 376.3](#), [POLS 404.3](#), [POLS 405.3](#), [POLS 422.3](#), [POLS 424.3](#), [POLS 425.3](#); SOC courses with Canadian content are: [SOC 203.3](#), [SOC 204.3](#), [SOC 219.3](#), [SOC 227.6](#), [SOC 244.3](#), [SOC 246.3](#), [SOC 319.3](#); all NS courses are acceptable except [NS 221.3](#) and [NS 272.3](#).

Choose **6 credit units** from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Choose **6 credit units** from the following:

- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [NS 271.3](#)
- [NS 280.6](#)
- [NS 281.3](#)

Choose **3 credit units** from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PSY Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)
- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)

- [GEOG 392.3](#)
- [GEOG 486.3](#)
- [GEOG 491.3](#)
- ~~[NRTH 101.3](#)~~
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)

(G1 Teaching Area 2) - Visual Arts

Religion and Culture

Minor Course Revisions

Prerequisite changes to Religious Studies courses as detailed:

Course #	Title	Old Prerequisite	New Prerequisite	Rationale
RLST 210.3	Religion and Ecology	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	3 credit units RLST or 18 credit units at university level will provide adequate preparation for students to be successful in this course.
RLST 211.3	Introduction to Hinduism	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 214.3	Introduction to Philosophies of India	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 215.3	Indian Yoga Heritage	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 217.3	Buddhist Religious Tradition	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 218.3	Developments in Buddhist thought	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 219.3	Bible and Western Culture	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	

RLST 220.3	Women in Western Religious Traditions	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or WGST or 18 credit units at university level.	3 credit units RLST, WGST, or 18 credit units at university level will provide adequate preparation for students to be successful in this course.
RLST 221.3	Introduction to Christianity	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	3 credit units RLST or 18 credit units at university level will provide adequate preparation for students to be successful in this course.
RLST 225.3	Perspectives on Jesus	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 226.3	Religion Globalization and Social Justice	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 227.3	Introduction to Judaism	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 228.3	Introduction to Jewish thought	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 230.3	Magic and Metaphysics in Daoism	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 231.3	Confucianism Continuity and Change	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 232.3	Women and Religion in Asia	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or WGST or 18 credit units at university level.	
RLST 233.3	Peoples and Cultures of South Asia	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	3 credit units RLST or 18 credit units at university level will provide adequate preparation for students to be successful in this course.
RLST 234.3	Chinese Religions	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 235.3	Japanese Religions	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	

RLST 240.3	Introduction to Islam	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 241.3	Islam in the Modern World	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 253.3	Introduction to Old Testament	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 254.3	Introduction to New Testament	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 258.3	Bollywood and Popular Culture and the Diaspora	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 277.3	Community Solidarity and Social Change	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 280.3	Methodologies and Approaches to Study of Religions	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 282.3	Religious Perspectives on Death and Dying	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 283.3	Comparative Mysticism	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 284.3	Religions and Non Violence	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 285.3	Religions and Ethnicity	6 credit units RLST courses or 24 credit units at the university level.	3 credit units RLST or 18 credit units at university level.	
RLST 303.3	Goddesses in Myth and History	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or WGST or 24 credit units at university level.	6 credit units of RLST or WGST or 24 credit units of university courses will provide adequate preparation for students to be successful in this course.

RLST 314.3	Issues in Contemporary Catholicism	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	6 credit units of RLST or 24 credit units of university courses will provide adequate preparation for students to be successful in this course.
RLST 321.3	Gender and God Talk	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or WGST or 24 credit units at university level.	6 credit units of RLST or WGST or 24 credit units of university courses will provide adequate preparation for students to be successful in this course.
RLST 328.3	Jewish Christian Relations in Historical Perspective	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at university level.	6 credit units of RLST or 24 credit units of university courses will provide adequate preparation for students to be successful in this course.
RLST 329.3	Studies in Bhagavad Gita	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	
RLST 330.3	Daoism	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	
RLST 331.3	Neo-Confucianism in Context	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	
RLST 341.3	Bodhisattva Doctrine in Buddhism	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	
RLST 342.3	Tibetan Buddhism	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	
RLST 359.3	Helpmates Harlots and Heroines	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or WGST or 24 credit units at university level.	
RLST 361.3	Rabbinic Literature	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	
RLST 362.3	Monsters and Mischief Makers	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	6 credit units of RLST or 24 credit units of university courses will provide adequate preparation for students to be successful in this course.

RLST 363.3	Early Christian Literature Texts and Context	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at university level.	
RLST 365.3	Bible and Film	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	
RLST 375.3	Religion and Science	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at university level.	
RLST 382.3	Sex, God and Rock n' Roll Revamping the Sacred	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or WGST or 24 credit units at university level.	6 credit units of RLST or WGST or 24 credit units of university courses will provide adequate preparation for students to be successful in this course.
RLST 390.3	Readings in Eastern Religions	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at university level.	6 credit units of RLST or 24 credit units of university courses will provide adequate preparation for students to be successful in this course.
RLST 391.3	Readings in Western Religions	6 credit units RLST or 48 credit units at university level.	6 credit units RLST or 24 credit units at University level.	

DIVISION OF SOCIAL SCIENCES

International Studies

Minor Program Revisions

Bachelor of Arts Honours and Four-year in International Studies

1. Add HIST 471.6, 472.3, 478.3, 487.3; POLS 446.3, 447.3, 471.3; and SOC 409.3 to list of restricted electives in the Major (B6).
2. Exclude Language courses taught in English from the Language Requirement (B4) and from the language requirement in the Major (B6).

[Bachelor of Arts \(B.A. Four-year\) - International Studies](#)

[B4 Language Requirement \(6 credit units\)](#)

Choose 6 credit units in ONE modern language other than English: French, German, Russian, Spanish, Ukrainian; or a language approved by the Program Coordinator. **These courses must be taught in the subject language (not in English).** It is recommended that students take additional language courses.

Note: International Studies requires a total of 12 credit units in one modern language other than English – see also requirement B6 below.

French

- [100-Level, 200-Level, 300-Level or 400-Level FREN Courses](#)

- Excluding FREN 216.3

German

- [100-Level, 200-Level, 300-Level or 400-Level GERM Courses](#)
 - Excluding GERM 260.3, GERM 265.3 and GERM 266.3

Russian

- [100-Level, 200-Level, 300-Level or 400-Level RUSS Courses](#)
 - Excluding RUSS 210 and RUSS 234

Spanish

- [100-Level, 200-Level, 300-Level or 400-Level SPAN Courses](#)
 - Excluding SPAN 250.3, SPAN 251.3, SPAN 309.3 and SPAN 310.3

Ukrainian

- [100-Level, 200-Level, 300-Level or 400-Level UKR Courses](#)

B5 General Requirement (6 credit units)

B6 Major Requirement (60 credit units)

- [ECON 254.3](#)
- ...
- [POLS 262.3](#)

Modern Language

Choose 6 credit units in ONE modern language other than English. The language chosen must be the same language used to meet requirement B4 above. **These courses must be taught in the subject language (not in English).** Students may choose one of the languages listed below or another language approved by the Program Coordinator.

French

- [100-Level, 200-Level, 300-Level or 400-Level FREN Courses](#)
 - Excluding FREN 216.3

German

- [100-Level, 200-Level, 300-Level or 400-Level GERM Courses](#)
 - Excluding GERM 260.3, GERM 265.3 and GERM 266.3

Russian

- [100-Level, 200-Level, 300-Level or 400-Level RUSS Courses](#)
 - Excluding RUSS 210 and RUSS 234

Spanish

- [100-Level, 200-Level, 300-Level or 400-Level SPAN Courses](#)
 - Excluding SPAN 250.3, SPAN 251.3, SPAN 309.3 and SPAN 310.3

Ukrainian

- [100-Level, 200-Level, 300-Level or 400-Level UKR Courses](#)

Choose **21 credit units** from the following:

At least 6 credit units must be at the 300-level or above.

- [ANTH 231.3](#)
- [ANTH 310.3](#)
- [ECON 256.3](#)
- [ECON 314.3](#)
- [GEOG 340.3](#)
- [HIST 234.3](#)
- [HIST 235.3](#)
- [HIST 245.6](#)
- [HIST 271.6](#)
- [HIST 308.6](#)
- [HIST 471.6](#)
- [HIST 472.3](#)
- [HIST 478.3](#)
- [HIST 487.3](#)
- [HIST 488.3](#)
- [NRTH 321.3](#)
- [NRTH 322.3](#)
- [NRTH 331.3](#)
- [NRTH 332.3](#)
- [NS 366.6](#)
- [POLS 244.3](#)
- [POLS 245.3](#)
- [POLS 341.3](#)
- [POLS 342.3](#)
- [POLS 375.3](#)
- [POLS 446.3](#)
- [POLS 447.3](#)
- [POLS 461.3](#)
- [POLS 471.3](#)
- [RLST 233.3](#)
- [SOC 205.3](#)
- [SOC 409.3](#)
- [WGST 411.3](#)
- One of [PSY 379.3](#) or [SOC 379.3](#) or [ECON 379.3](#) or [GEOG 379.3](#) or [POLS 379.3](#) or [ANTH 379.3](#)
- One of [POLS 383.3](#) or [POLS 384.3](#) or [ECON 387.3](#) or [SOSC 320.6](#) or [SOC 322.3](#) or [POLS 482.6](#)

Bachelor of Arts (B.A. Honours) - International Studies

B4 Language Requirement (6 credit units)

Choose 6 credit units in ONE modern language other than English: French, German, Russian, Spanish, Ukrainian; or a language approved by the Program Coordinator. **This course(s) must be taught in the subject language (not in English).** It is recommended that students take additional language courses.

Note: International Studies requires a total of 12 credit units in one modern language other than English – see also requirement B6 below.

French

- [100-Level, 200-Level, 300-Level or 400-Level FREN Courses](#)
 - Excluding FREN 216.3

German

- [100-Level, 200-Level, 300-Level or 400-Level GERM Courses](#)
 - Excluding GERM 260.3, GERM 265.3 and GERM 266.3

Russian

- [100-Level, 200-Level, 300-Level or 400-Level RUSS Courses](#)
 - Excluding RUSS 210 and RUSS 234

Spanish

- [100-Level, 200-Level, 300-Level or 400-Level SPAN Courses](#)
 - Excluding SPAN 250.3, SPAN 251.3, SPAN 309.3 and SPAN 310.3

Ukrainian

- [100-Level, 200-Level, 300-Level or 400-Level UKR Courses](#)

B5 General Requirement (6 credit units)

B6 Major Requirement (60 credit units)

- [ECON 254.3](#)
- [GEOG 208.3](#)
- [HIST 289.6](#)
- [IS 211.3](#)
- [IS 212.3](#)
- [IS 401.3](#)
- [IS 402.3](#)
- [POLS 256.3](#) or [SOC 232.3](#)
- [POLS 261.3](#)
- [POLS 262.3](#)

Modern Language

Choose 6 credit units in ONE modern language other than English. The language chosen must be the same language used to meet requirement B4 above. **These courses must be taught in the subject language (not in English).** Students may choose one of the languages listed below or another language approved by the Program Coordinator.

French

- [100-Level, 200-Level, 300-Level or 400-Level FREN Courses](#)
 - Excluding FREN 216.3

German

- [100-Level, 200-Level, 300-Level or 400-Level GERM Courses](#)
 - Excluding GERM 260.3, GERM 265.3 and GERM 266.3

Russian

- [100-Level, 200-Level, 300-Level or 400-Level RUSS Courses](#)
 - Excluding RUSS 210 and RUSS 234

Spanish

- [100-Level, 200-Level, 300-Level or 400-Level SPAN Courses](#)
 - Excluding SPAN 250.3, SPAN 251.3, SPAN 309.3 and SPAN 310.3

Ukrainian

- [100-Level, 200-Level, 300-Level or 400-Level UKR Courses](#)

Choose **24 credit units** from the following:

At least 6 credit units must be at the 400-level or above.

- [ANTH 231.3](#)
- [ANTH 310.3](#)
- [ECON 256.3](#)
- [ECON 314.3](#)
- [GEOG 340.3](#)
- [HIST 234.3](#)
- [HIST 235.3](#)
- [HIST 245.6](#)
- [HIST 271.6](#)
- [HIST 308.6](#)
- [HIST 471.6](#)
- [HIST 472.3](#)
- [HIST 478.3](#)
- [HIST 487.3](#)
- [HIST 488.3](#)
- [NRTH 321.3](#)
- [NRTH 322.3](#)

- [NARTH 331.3](#)
- [NARTH 332.3](#)
- [NS 366.6](#)
- [POLS 244.3](#)
- [POLS 245.3](#)
- [POLS 341.3](#)
- [POLS 342.3](#)
- [POLS 375.3](#)
- [POLS 446.3](#)
- [POLS 447.3](#)
- [POLS 461.3](#)
- [POLS 471.3](#)
- [RLST 233.3](#)
- [SOC 205.3](#)
- [SOC 409.3](#)
- [WGST 411.3](#)
- One of [PSY 379.3](#) or [SOC 379.3](#) or [ECON 379.3](#) or [GEOG 379.3](#) or [POLS 379.3](#) or [ANTH 379.3](#)
- One of [POLS 383.3](#) or [POLS 384.3](#) or [ECON 387.3](#) or [SOSC 320.6](#) or [SOC 322.3](#) or [POLS 482.6](#)

Rationale:

1. Increase the number of relevant 400-level courses in the B6 to allow students greater flexibility and to accommodate scheduling conflicts or rotational course offerings.
2. The purpose of the Language requirements in this program are to ensure that students begin to learn another Language, which is not the case if students take courses taught in English. Therefore such "Language" courses are no longer eligible.

INTER-DIVISIONAL/COLLEGE

Minors offered in the College of Arts & Science

Minor programs offered in the College of Arts & Science may be taken by any student pursuing an Arts & Science degree in another discipline. In some cases students in specific other fields of study are excluded from earning a particular minor or are required to follow alternate requirements due to excessive overlap between the requirements for the Minor and the Major areas of study. In these cases the specific exclusions/alternate requirements are explicitly stated in the Course and Program Catalogue. This statement serves as a signal that the language indicating eligibility for Minor programs will be updated in the 2015-16 Course and Program Catalogue to align with College practice.

Dentistry

In the first year and a half of the four-year dental program, the basic science courses are closely integrated, physically and academically, with those of the College of Medicine.

Students must successfully complete all courses in a given year in the program to progress to the next year and to graduate.

Program Requirements

Doctor of Dental Medicine (D.M.D.) (203– 207 credit units) (change does not affect program length or tuition)

Year 1

~~50~~ **44** ~~47~~ **47** credit units

- ~~ACB 334.3~~ DENT 290.3 (cross-listing)
- DENT 208.3
- DENT 210.2
- DENT 214.2
- DENT 215.3 – DENT 314 is being relabelled DENT 215 (College decision October 2014, included for information only)
- DENT 220.6
- DENT 221.2
- DENT 225.2
- DENT 226.3
- DENT 288.3
- DENT 291.18
- ~~PHSI 208.6~~ – this course was added to the Year 1 curriculum for the 2014-2015 academic year only due to the College of Medicine changes. (Per December 2013 University Course Challenge.)

Year 2

~~53~~ ~~57~~ **54** credit units

- DENT 301.2
- DENT 306.6
- DENT 309.2 (new course)
- DENT 310.2
- ~~DENT 314.3~~ – DENT 314 is being relabeled DENT 215 (College decision October 2014, included for information only)
- DENT 317.3
- DENT 319.4

- [DENT 320.5](#)
- [DENT 321.2](#)
- [DENT 324.3](#)
- [DENT 330.5](#)
- [DENT 340.4](#)
- [DENT 348.3](#)
- [DENT 353.2](#)
- [DENT 360.5](#)
- ~~[DENT 391.4](#)~~ ~~[PCOL 350.6](#)~~ (PCOL 350 was temporarily used in place of DENT 391. It is now being cross-listed with DENT 392.6)
- [DENT 392.6](#)

Year 3

~~54~~ 57 credit units

- [DENT 401.3](#)
- [DENT 411.1](#) (new course)
- [DENT 417.4](#)
- [DENT 419.5](#)
- [DENT 420.5](#)
- [DENT 424.4](#)
- [DENT 430.6](#)
- [DENT 440.5](#)
- [DENT 448.3](#)
- [DENT 455.2](#)
- [DENT 460.5](#) – DENT 550 is being relabeled DENT 460.5 (College decision, January 2014, included for information only)
- [DENT 463.3](#)
- [DENT 466.2](#)
- [DENT 475.4](#)
- [DENT 480.2](#)
- [DENT 486.3](#)

Year 4

49 credit units

- [DENT 501.2](#)
- [DENT 517.4](#)
- [DENT 519.5](#)
- [DENT 520.3](#)
- [DENT 524.4](#)
- [DENT 530.5](#)
- [DENT 540.5](#)

- [DENT 542.2](#)
- [DENT 548.3](#)
- ~~[DENT 550.3](#)~~
- [DENT 560.3 – the clinical portion of DENT 550 will remain in year 4, so relabeled at DENT 560; only the didactic portion was relabeled as DENT 460 \(included for information only\).](#)
- [DENT 563.3](#)
- [DENT 575.3](#)
- [DENT 580.2](#)
- [DENT 585.5](#)

Rationale for Cross-listing of PCOL 350/DENT 392 and ACB 334/DENT 290:

The College of Dentistry is requesting that the ACB 334.3 Introductory Neuroanatomy course be cross listed with DENT 290.3. The rationale for this request is to provide consistent labelling of all dentistry courses as DENT. Prior to the 2014-2015 academic year, the dental students took the MED 108.4 course delivered by the College of Medicine and it was cross listed as DENT 292.4. The MED 108.4 course is being discontinued and as a result, dental students will be taking the ACB 334.3 course for their neuroanatomy requirements effective the 2014-2015 academic year. We would like to maintain consistent labelling and thus requesting the cross listing.

The College of Dentistry is requesting that the PCOL 350.6 General Pharmacology course be cross listed with DENT 392.6. The rationale for this request is to provide consistent labelling of all dentistry courses as DENT. Prior to the 2014-2015 academic year, the dental students took the MED 201.4 course delivered by the College of Medicine and it was cross listed as DENT 391.4. The MED 201.4 course is being discontinued and as a result, dental students will be taking the PCOL 350.6 course for their pharmacology requirements effective the 2014-2015 academic year. We would like to maintain consistent labelling and thus requesting the cross listing.

New Course(s)

DENT 309.2 Communication Skills

2 (3 LL) Effective communication is required as part of the patient-dentist relationship, in addition to technical competency. This course allows students exposure to various situations likely to arise in private practice which benefit from well developed communication skills. This is achieved through the use of standardized patients, who allow students to develop and practice listening, verbal and non-verbal language skills, rapport, empathy, professionalism and ethical awareness.

Instructor: Dr. Alyssa Hayes

Rationale: Learning competencies are beginning to see the importance of these ‘soft skills’ within the medical professions, which will result in more well-rounded graduates from the program

DENT 411.1 Dental Research II

1 (IND) The research completed in DENT 210.2 and 310.2 will be presented as a Table Clinic project and a manuscript will be submitted to a peer reviewed journal.

Instructor: Dr. Assem Hedayat

Rationale: This course is the culmination of two courses: DENT210 and DENT310. In DENT210, the students learn how to access and critically evaluate dental literature. They form research groups and undertake a literature review of a selected topic in dental research that they are interested in, and each group submits a scientific review paper on the topic of interest. Furthermore, the students individually acquire the Tri Council Policy Statement (TCPS) certification, which signifies their understanding of ethical practices relevant to their dental research they are about to pursue. In DENT310.2, the students submit a Research Ethics Board (REB) Application to the Research Ethics Office to get the approval necessary to pursue their dental research. They pursue their research, and submit a written report on their findings by the end of their second year at the College. DENT411.1 will be scheduled for the first term of Year-3 where the students will continue collecting and analyzing data to a conclusion. They will prepare to present their research on Activity Day #2 which is always held in the beginning of October. Also, the students will learn how to prepare a manuscript of their research following the guidelines of a peer reviewed journal with an acceptable impact factor and submit it to this journal for possible publication.

DENT 560.3 Endodontics

1/2 (3 C) Through clinical work, students enhance their clinical skills by managing patients with endodontic problems on an increasingly independent basis. Conservative orthograde endodontic therapy is the treatment of choice; however, students are encouraged to observe the surgical management of endodontic lesions. Students should develop an appreciation of the varying degrees of difficulty associated with endodontic procedures, and an understanding of their own limitations in certain cases. The ability to review the literature critically and evaluate objectively new concepts and techniques should enter into their decision making. Lastly, the need for self-evaluation and continuing education is stressed.

Instructor: Dr. Carlos Ochoa

Rationale: DENT 550 is being split into two courses, a lecture/clinical course in Year 3 (DENT 460.5) and a strictly clinical course in Year 4 (560.3) as all didactic material will be covered by the end of Year 3.

MEMORANDUM

TO: Office of the University Secretary
FROM: Bev Brenna, Acting Associate Dean, Undergraduate Programs, Partnerships and Research
DATE: December 2, 2014
RE: Two items for University Course Challenge (UCC) approval

As per approval at the College of Education's Special Faculty Council meeting on **November 26, 2014** (see below for preamble and motion), the items coming to course challenge are as follows:

Topic One: EDUC Nomenclature and Undergraduate Program

1. "Straightforward Program Change" involving a substitution of a different course for an existing course in a program
 - EPSE 390.3 substituted for three credit units of the previously approved required six credit unit inquiry course EAMD/ECUR/EFDT/EPSE 411.6
2. "Course Change" involving a reduction of the number of credit units for a course
 - the required undergraduate inquiry course EADM/ECUR/EFDT/EPSE 411.6 moving from six credit units to three credit units, resulting in EADM/ECUR/EFDT/EPSE 411.3 (and accommodating the required EPSE 390.3)
 -

**Anywhere in the B.Ed. that EDUC 411.6 has been required, the requirements as of the 2015-16 school year will change to EADM/ECUR/EFDT/EPSE 411.3 and EPSE 390.3 (resulting in no overall credit unit changes)

Topic Two: EPSE Requirements in Program Design

PREAMBLE

According to Ministry of Education teacher certification requirements, we must deliver at least 6 required credit units of Educational Psychology in our College of Education undergraduate program. While steps have been taken to ensure that EPSE 302 Situated Learners reflects 3 credit units of Educational Psychology, with enhanced attention to assessment and evaluation since its original iteration, we require another 3 credit units of EPSE content. After consideration of best options we recommend the following:

MOTION: to move 411 Inquiry Project and Community Field Experience from 6 credit units to 3 credit units, allowing a space for 3 additional credit units of Educational Psychology content in the form of EPSE 390.3

Bev Brenna/Tim Claypool

APPROVED

University Course Challenge: December 2014

College of Education: The following changes represent courses that have been newly-approved by the Faculty of Education as acceptable choices toward the B.Ed. degree. Please note that the relabeled Education courses in this entry are included for information only, as is the Native Studies Teaching Area. The Native Studies Teaching Area received approval at the November 2014 University Course Challenge.

Program Requirements

Sequential Elementary Program Requirements

Teacher candidates first complete a minimum of 60 credit units of subject area studies (approximately two years of study) and then apply for admission to the College of Education to complete 60 credit units of professional study (two years of study). Teacher candidates may apply having completed an undergraduate degree.

Teacher candidates intending to become certified to teach children in elementary schools must complete the following prerequisites before applying for admission to the College of Education.

External Courses (60 credit units)

All elementary/middle years option students must complete a minimum of 60 credit units of external course work prior to admission to the College of Education.

Choose 6 introductory English credit units from the following:

- [ENG 110.6](#)
- [ENG 111.3](#)
- [ENG 112.3](#)
- [ENG 113.3](#)
- [ENG 114.3](#)

Choose 3 Math or Statistics credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level MATH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level STAT Courses](#)
- [BPBE 361.3](#)
- [CE 316.3](#)
- [CE 318.3](#)
- [CHE 311.3](#)
- [CMPT 393.3](#)
- [COMM 104.3](#)
- [COMM 207.3](#)
- [COMM 306.3](#)
- [COMM 393.3](#)
- [COMM 395.3](#)
- [ECON 204.6](#)
- [ECON 450.3](#)
- [EE 216.3](#)
- [GE 210.3](#)

- [GEOG 302.3](#)
- [ME 450.3](#)
- [PLSC 214.3](#)
- [PSY 233.3](#)
- [PSY 234.3](#)
- [SOC 225.3](#)
- [SOC 325.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level MATH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level STAT Courses](#)

Choose 3 Native Studies credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [COMM 347.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Choose 3 Social Studies/Social Sciences credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)
- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [COMM 347.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 280.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)

- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 486.3](#)
- [GEOG 491.3](#)
- ~~[GEOG 495.3](#)~~
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)
- ~~[100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)~~

Choose 3 Fine Arts credit units from the following:

- [KIN 150.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level DRAM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MUS Courses](#)

Choose 3 Kinesiology credit units from the following:

- [KIN 121.3](#)
- [KIN 122.3](#)

Choose 3 Science credit units from the following:

- ~~[200-Level, 300-Level or 400-Level ACB Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)~~
- ~~[200-Level, 300-Level or 400-Level BIOC Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)~~

- [100-Level, 200-Level, 300-Level or 400-Level HSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PLSC Courses](#)
- [CE 212.3](#)
- [CE 315.3](#)
- [CE 317.3](#)
- [CE 321.3](#)
- [CE 415.3](#)
- [CE 416.3](#)
- [CE 417.3](#)
- [CE 418.3](#)
- [CE 463.3](#)
- [CE 466.3](#)
- [CE 470.3](#)
- [CHE 201.3](#)
- [CHE 454.3](#)
- [EP 225.3](#)
- [EP 370.3](#)
- [EP 421.3](#)
- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 380.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [GE 213.3](#)
- [GE 226.3](#)
- [GEOG 120.3](#)
- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- [GEOE 475.3](#)
- ~~[GEOL 282.3](#)~~
- ~~[GEOL 334.3](#)~~
- ~~[GEOL 335.3](#)~~
- ~~[HSC 350.3](#)~~

- [ME 215.3](#)
- [ME 227.3](#)
- [NUTR 120.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 401.3](#)
- [PHPY 403.3](#)
- [PHPY 405.3](#)
- [PHPY 432.6](#)
- [SLSC 273.3](#)
- [TOX 300.3](#)
- ~~[200-Level, 300-Level or 400-Level ACB Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)~~
- ~~[200-Level, 300-Level or 400-Level BIOC Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level PLSC Courses](#)~~

Note: Not PLSC 214

Choose 6 credit units from the following:

- 100 to 400-level Open Electives
- Must be completed by 3 or 6 credit unit courses

Teaching Areas

18 credit units of Teaching Area 1 and 12 credit units of Teaching Area 2 (see below for courses within each area).

Elementary - Teaching Area 1 (18 credit units)

Teaching areas must be chosen from a defined set of subjects and courses, approved by both the College of Education and Educator Services.

Teacher candidates are required to complete a particular number of credit units in at least two teaching areas (disciplinary fields) that are tightly aligned with Saskatchewan pre-Kindergarten to grade twelve curriculum areas.

Arts Education

Please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)
- [DRAM 203.3](#)
- [DRAM 204.3](#)
- [DRAM 303.3](#)
- [DRAM 304.3](#)
- [MUS 111.3](#)
- [MUS 150.3](#)
- [MUS 151.3](#)
- [MUS 175.3](#)
- [MUS 250.3](#)
- [MUS 303.3](#)
- [MUS 311.3](#)
- [MUS 364.3](#)
- [MUS 365.3](#)
- [MUS 367.3](#)
- [MUS 368.3](#)
- [MUS 457.3](#)
- [MUS 463.3](#)

Choose 12 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level DRAM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MUS Courses](#)

English Language Arts

Choose 6 credit units from the following:

- [100-Level ENG Courses](#)

Choose 12 credit units from the following:

- [NS 270.6](#)

- [200-Level, 300-Level or 400-Level ENG Courses](#)

Mathematics

Choose 6 credit units from the following:

- [COMM 104.3](#)
- [100-Level MATH Courses](#)
- [100-Level STAT Courses](#)

Choose 12 credit units from the following:

- [200-Level, 300-Level or 400-Level MATH Courses](#)
- [200-Level, 300-Level or 400-Level STAT Courses](#)
- [BPBE 361.3](#)
- [CE 316.3](#)
- [CE 318.3](#)
- [CHE 311.3](#)
- [CMPT 393.3](#)
- [COMM 207.3](#)
- [COMM 306.3](#)
- [COMM 393.3](#)
- [COMM 395.3](#)
- [ECON 204.6](#)
- [ECON 306.3](#)
- [ECON 450.3](#)
- [EE 216.3](#)
- [GE 210.3](#)
- [GEOG 302.3](#)
- [ME 450.3](#)
- [PLSC 214.3](#)
- [PSY 233.3](#)
- [PSY 234.3](#)
- [SOC 225.3](#)
- [SOC 325.3](#)

Modern Languages

French courses required for admission are [FREN 122.3](#) and [FREN 125.3](#) or approved equivalents. Bilingual/immersion students must complete [FREN 128.3](#) and [FREN 218.3](#) or approved equivalents. Any 100 level language course taken after the first six credits of language course(s) will be counted as a senior course. Please choose all French courses or all Cree courses for the 18 credit units.

Choose 6 credit units from the following:

- [FREN 218.3](#)
- [100-Level CREE Courses](#)
- [100-Level FREN Courses](#)

Choose 12 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level CREE Courses](#)
- [200-Level, 300-Level or 400-Level FREN Courses](#)

Native Studies

Choose 18 credit units from the following:

Choose 6 cu's from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)

Option to choose from the following:

- [200-Level, 300-Level or 400-Level NS Courses](#)
- [HIST 263.6](#)
- [HIST 264.3](#)
- [HIST 265.3](#)
- [POLS 222.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [SOC 219.3](#)
- [SOC 319.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Option to choose up to 6 credit units of the following:

- [CREE 101.6](#)
- [CREE 110.3](#)
- [CREE 120.6](#)

Option to choose up to 3 units from the following:

- [ARTH 252.6](#)
- [ARTH 253.3](#)
- [ARTH 255.3](#)
- [ARTH 323.3](#)
- [ARTH 358.3](#)
- [ARTH 340.3](#)
- [ARTH 345.3](#)
- [ARTH 355.3](#)

- [ARTH 418.3](#)
- [ARTH 455.3](#)

Physical Education

Choose 6 credit units from the following:

- [KIN 121.3](#)
- [KIN 122.3](#)

Choose 12 credit units from the following:

- [KIN 150.3](#), [KIN 240.3](#), [KIN 281.3](#) and [KIN 341.3](#) recommended
- [200-Level, 300-Level or 400-Level KIN Courses](#)

Science

Please note that [PLSC 214.3](#) cannot be used to fulfill this requirement. Also, please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 18 credit units from the following:

- [200-Level, 300-Level or 400-Level ACB Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PLSC Courses](#)
- [CE 212.3](#)
- [CE 315.3](#)
- [CE 317.3](#)
- [CE 321.3](#)
- [CE 415.3](#)
- [CE 416.3](#)
- [CE 417.3](#)
- [CE 418.3](#)
- [CE 463.3](#)
- [CE 466.3](#)
- [CE 470.3](#)

- [CHE 201.3](#)
- [CHE 454.3](#)
- [EP 225.3](#)
- [EP 370.3](#)
- [EP 421.3](#)
- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 380.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [GE 213.3](#)
- [GE 226.3](#)
- [GEOG 120.3](#)
- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- [GEOE 475.3](#)
- ~~[GEOL 282.3](#)~~
- ~~[GEOL 334.3](#)~~
- ~~[GEOL 335.3](#)~~
- ~~[HSC 350.3](#)~~
- [ME 215.3](#)
- [ME 227.3](#)
- [NUTR 120.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 401.3](#)
- [PHPY 403.3](#)
- [PHPY 405.3](#)
- [PHPY 432.6](#)
- [SLSC 273.3](#)

- [TOX 300.3](#)

Social Sciences/Social Studies

Please note that any 100-level course taken after the first 6 credit units will be counted as a senior course. Also note: At least 6 credit units of the total 18 credit units must include Canadian content. HIST courses with Canadian content are: [HIST 125.3](#), [HIST 151.3](#), [HIST 152.3](#), [HIST 253.3](#), [HIST 255.3](#), [HIST 256.3](#), [HIST 257.3](#), [HIST 258.3](#), [HIST 259.3](#), [HIST 260.3](#), [HIST 263.6](#), [HIST 264.3](#), [HIST 265.3](#), [HIST 266.3](#), [HIST 310.3](#), [HIST 350.3](#), [HIST 353.3](#), [HIST 361.3](#), [HIST 362.3](#), [HIST 363.3](#), [HIST 364.3](#), [HIST 365.3](#), [HIST 410.3](#), [HIST 450.6](#), [HIST 464.6](#), [HIST 466.3](#), [HIST 492.6](#); ECON course with Canadian content is: [ECON 231.3](#); GEOG courses with Canadian content are: [GEOG 202.3](#), [GEOG 204.3](#), [GEOG 381.3](#), [GEOG 386.3](#), [PLAN 342.3](#), [PLAN 343.3](#), [PLAN 442.3](#); POLS courses with Canadian content are: [POLS 204.3](#), [POLS 205.3](#), [POLS 222.3](#), [POLS 225.3](#), [POLS 226.3](#), [POLS 303.3](#), [POLS 304.3](#), [POLS 305.3](#), [POLS 306.3](#), [POLS 307.3](#), [POLS 322.3](#), [POLS 323.3](#), [POLS 349.3](#), [POLS 375.3](#), [POLS 376.3](#), [POLS 404.3](#), [POLS 405.3](#), [POLS 422.3](#), [POLS 424.3](#), [POLS 425.3](#); SOC courses with Canadian content are: [SOC 203.3](#), [SOC 204.3](#), [SOC 219.3](#), [SOC 227.6](#), [SOC 244.3](#), [SOC 246.3](#), [SOC 319.3](#); all NS courses are acceptable except [NS 221.3](#) and [NS 272.3](#).

Choose 6 credit units from the following:

- [COMM 347.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Choose 6 credit units from the following:

- [NS 271.3](#)
- [NS 281.3](#)
- [NS 280.6](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)

- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 392.3](#)
- [GEOG 486.3](#)
- [GEOG 491.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)

Elementary - Teaching Area 2 (12 credit units)

Teacher candidates are required to complete a particular number of credit units in at least two teaching areas (disciplinary fields) that are tightly aligned with Saskatchewan pre-Kindergarten to grade twelve curriculum areas.

Arts Education

Please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 3 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)
- [DRAM 203.3](#)
- [DRAM 204.3](#)
- [DRAM 303.3](#)

- [DRAM 304.3](#)
- [MUS 111.3](#)
- [MUS 150.3](#)
- [MUS 151.3](#)
- [MUS 175.3](#)
- [MUS 250.3](#)
- [MUS 303.3](#)
- [MUS 311.3](#)
- [MUS 364.3](#)
- [MUS 365.3](#)
- [MUS 367.3](#)
- [MUS 368.3](#)
- [MUS 457.3](#)
- [MUS 463.3](#)

Choose 9 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level DRAM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MUS Courses](#)

English Language Arts

Choose 6 credit units from the following:

- [100-Level ENG Courses](#)

Choose 6 credit units from the following:

- [NS 270.6](#)
- [200-Level, 300-Level or 400-Level ENG Courses](#)

Mathematics

Choose 6 credit units from the following:

- [COMM 104.3](#)
- [100-Level MATH Courses](#)
- [100-Level STAT Courses](#)

Choose 6 credit units from the following:

- [200-Level, 300-Level or 400-Level MATH Courses](#)
- [200-Level, 300-Level or 400-Level STAT Courses](#)
- [BPBE 361.3](#)

- [CE 316.3](#)
- [CE 318.3](#)
- [CHE 311.3](#)
- [CMPT 393.3](#)
- [COMM 207.3](#)
- [COMM 306.3](#)
- [COMM 393.3](#)
- [COMM 395.3](#)
- [ECON 204.6](#)
- [ECON 306.3](#)
- [ECON 450.3](#)
- [EE 216.3](#)
- [GE 210.3](#)
- [GEOG 302.3](#)
- [ME 450.3](#)
- [PLSC 214.3](#)
- [PSY 233.3](#)
- [PSY 234.3](#)
- [SOC 225.3](#)
- [SOC 325.3](#)

Modern Languages

Choose 12 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level CREE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level FREN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GERM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RUSS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SPAN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level UKR Courses](#)

Native Studies

Choose 12 credit units from the following:

Choose 6 cu's from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)

Option to choose from the following:

- [200-Level, 300-Level or 400-Level NS Courses](#)
- [HIST 263.6](#)
- [HIST 264.3](#)
- [HIST 265.3](#)

- [POLS 222.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [SOC 219.3](#)
- [SOC 319.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Option to choose up to 6 credit units of the following:

- [CREE 101.6](#)
- [CREE 110.3](#)
- [CREE 120.6](#)

Option to choose up to 3 units from the following:

- [ARTH 252.6](#)
- [ARTH 253.3](#)
- [ARTH 255.3](#)
- [ARTH 323.3](#)
- [ARTH 358.3](#)
- [ARTH 340.3](#)
- [ARTH 345.3](#)
- [ARTH 355.3](#)
- [ARTH 418.3](#)
- [ARTH 455.3](#)

Physical Education

Choose 6 credit units from the following:

- [KIN 121.3](#)
- [KIN 122.3](#)

Choose 6 credit units from the following:

- [KIN 150.3](#), [KIN 240.3](#), [KIN 281.3](#), and [KIN 341.3](#) recommended.
- [200-Level, 300-Level or 400-Level KIN Courses](#)

Science

Please note that [PLSC 214.3](#) cannot be used to fulfill this requirement. Also, please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 12 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ACB Courses](#)

- [100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PLSC Courses](#)
- [CE 212.3](#)
- [CE 315.3](#)
- [CE 321.3](#)
- [CE 317.3](#)
- [CE 415.3](#)
- [CE 416.3](#)
- [CE 417.3](#)
- [CE 418.3](#)
- [CE 463.3](#)
- [CE 466.3](#)
- [CE 471.3](#)
- [CHE 201.3](#)
- [CHE 454.3](#)
- [EP 225.3](#)
- [EP 370.3](#)
- [EP 421.3](#)
- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 380.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [GE 213.3](#)
- [GE 226.3](#)
- [GEOG 120.3](#)
- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)

- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- [GEOE 475.3](#)
- ~~[GEOL 282.3](#)~~
- ~~[GEOL 334.3](#)~~
- ~~[GEOL 335.3](#)~~
- ~~[HSC 350.3](#)~~
- [ME 215.3](#)
- ~~[ME 227.3](#)~~
- [NUTR 120.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 401.3](#)
- [PHPY 403.3](#)
- [PHPY 405.3](#)
- [PHPY 432.6](#)
- [SLSC 273.3](#)
- [TOX 300.3](#)

Social Sciences/Social Studies

Please note that any 100-level course taken after the first 6 credit units will be counted as a senior course. Also note: At least 6 credit units of the total 12 credit units must include Canadian content. HIST courses with Canadian content are: [HIST 125.3](#), [HIST 151.3](#), [HIST 152.3](#), [HIST 253.3](#), [HIST 255.3](#), [HIST 255.3](#), [HIST 256.3](#), [HIST 257.3](#), [HIST 258.3](#), [HIST 259.3](#), [HIST 260.3](#), [HIST 263.6](#), [HIST 264.3](#), [HIST 265.3](#), [HIST 266.3](#), [HIST 310.3](#), [HIST 350.3](#), [HIST 353.3](#), [HIST 361.3](#), [HIST 362.3](#), [HIST 363.3](#), [HIST 364.3](#), [HIST 365.3](#), [HIST 410.3](#), [HIST 450.6](#), [HIST](#)

[464.6](#), [HIST 466.3](#), [HIST 492.6](#); ECON course with Canadian content is: [ECON 231.3](#); GEOG courses with Canadian content are: [GEOG 202.3](#), [GEOG 204.3](#), [GEOG 381.3](#), [GEOG 386.3](#), [PLAN 342.3](#), [PLAN 343.3](#), [PLAN 442.3](#); POLS courses with Canadian content are: [POLS 204.3](#), [POLS 205.3](#), [POLS 222.3](#), [POLS 225.3](#), [POLS 226.3](#), [POLS 303.3](#), [POLS 304.3](#), [POLS 305.3](#), [POLS 306.3](#), [POLS 307.3](#), [POLS 322.3](#), [POLS 323.3](#), [POLS 349.3](#), [POLS 375.3](#), [POLS 376.3](#), [POLS 404.3](#), [POLS 405.3](#), [POLS 422.3](#), [POLS 424.3](#), [POLS 425.3](#); SOC courses with Canadian content are: [SOC 203.3](#), [SOC 204.3](#), [SOC 219.3](#), [SOC 227.6](#), [SOC 244.3](#), [SOC 246.3](#), [SOC](#)

[319.3](#); all NS courses are acceptable except [NS 221.3](#) and [NS 272.3](#).

Choose 3 credit units from the following:

- [COMM 347.3](#)

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [COMM 347.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Choose 3 credit units from the following:

- ~~[NS 281.3](#)~~
- ~~[NS 280.6](#)~~
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [NS. 271.3](#)
- [NS 280.6](#)
- [NS 281.3](#)

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- ~~[100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)~~
- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 392.3](#)
- [GEOG 491.3](#)

- [GEOG 486.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 446.3](#)
- ~~[100 Level, 200 Level, 300 Level or 400 Level ANTH Courses](#)~~
- ~~[100 Level, 200 Level, 300 Level or 400 Level ECON Courses](#)~~
- ~~[100 Level, 200 Level, 300 Level or 400 Level HIST Courses](#)~~
- ~~[100 Level, 200 Level, 300 Level or 400 Level NS Courses](#)~~
- ~~[100 Level, 200 Level, 300 Level or 400 Level POLS Courses](#)~~
- ~~[100 Level, 200 Level, 300 Level or 400 Level RLST Courses](#)~~
- ~~[100 Level, 200 Level, 300 Level or 400 Level SOC Courses](#)~~
- ~~[100 Level, 200 Level, 300 Level or 400 Level WGST Courses](#)~~

[Education Courses - Year 3 & 4 \(60 credit units\)](#)

[Education Courses - Year 3](#)

Elementary route teacher candidates must also complete the following professional study components. The following 30 credit units are required:

- ~~[EFDTDUC-301.3](#)~~
- ~~[EPSEDUC-302.3](#)~~
- ~~[ECURDUC-309.3](#)~~
- ~~[ECURDUC-3102.3](#)~~
- ~~[EFDTDUC-313.3](#)~~
- ~~[EDSTDUC-321.3](#)~~
- ~~[EDSTDUC-322.3](#)~~
- ~~[ECUR 312](#)~~~~[CUR-498.3](#)~~ Math Methods
- ~~[ECUR 322](#)~~~~[498.3](#)~~ Science Methods
- ~~[ECUR 382](#)~~~~[498.3](#)~~-and/or ~~[EART 303](#)~~ Social Science/Social Studies &/or Art Methods

[Education Courses - Year 4](#)

The following 30 credit units are required:

- ~~[EADM DUC-303.3](#)~~
- ~~[EPSE 390.3](#)~~
- ~~[EADM 411.3, ECUR 411.3, EFDT 411.3, or EPSE DUC-411.63](#)~~
- ~~[EXPR DUC-422.151.12](#)~~
- ~~[EDUC 471.3](#)~~
- ~~[ECUR 352.3](#)~~ and/or ~~[ECUR 498.3](#)~~ Physical Education Methods &/or Health Methods

Choose 3 credit units of the following:

- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Sequential Secondary Program Requirements

Teacher candidates first complete a minimum of 60 credit units of subject area studies (approximately two years of study) and then apply for admission to the College of Education to complete 60 credit units of professional study (two years of professional study). Teacher candidates may apply having completed an undergraduate degree.

Teacher candidates intending to become certified to teach youth in secondary schools must complete the following prerequisites before applying for admission to the College of Education.

External Courses (60 credit units)

All secondary option students must complete a minimum of 60 credit units in External course work prior to admission to the College of Education.

Choose 6 introductory English credit units from the following:

- [ENG 110.6](#)
- [ENG 111.3](#)
- [ENG 112.3](#)
- [ENG 113.3](#)
- [ENG 114.3](#)

Choose 3 Native Studies credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [COMM 347.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Choose 12 credit units from the following:

100 to 400 level Open Electives. Must be compiled using 3 or 6 credit unit courses.

Teaching Areas

24 credit units of Teaching Area 1 and 15 credit units of Teaching Area 2 (see below for courses within each area).

Secondary - Teaching Area 1 (24 credit units)

Teacher candidates are required to complete a particular number of credit units in at least two teaching areas (disciplinary fields) that are tightly aligned with Saskatchewan pre-Kindergarten to grade twelve curriculum areas.

Biology

Please note that [PLSC 214.3](#) cannot be used to fulfill this requirement.

Choose 6 credit units from the following:

- [100-Level BIOL Courses](#)

Choose 9 credit units from the following:

- [200-Level, 300-Level or 400-Level PLSC Courses](#)
- [BIOL 222.3](#)
- [BIOL 224.3/BMSC 224.3](#)
- [BIOL 228.3](#)
- [BIOL 301.3](#)
- [BIOL 302.3](#)
- [BIOL 312.3](#)
- [BIOL 318.3](#)
- [BIOL 324.3](#)
- [BIOL 325.3](#)
- [BIOL 326.3](#)
- [BIOL 350.3](#)
- [BIOL 361.3](#)
- [BIOL 365.3](#)
- [BIOL 373.3](#)
- [BIOL 410.3](#)
- [BIOL 412.3](#)
- [BIOL 424.3](#)
- [BIOL 436.3](#)
- [BIOL 451.3](#)
- [BIOL 455.3](#)
- [BIOL 458.3](#)
- [BIOL 466.3](#)
- [BIOL 470.3](#)
- [BIOL 475.3](#)
- [BIOL 480.3](#)
- [BIOL 481.6](#)

- [PHPY 401.3](#)
- [PHPY 405.3](#)

Choose 9 credit units from the following:

- [CE 466.3](#)
- [HSC 350.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 306.3](#)
- [PHPY 403.3](#)
- [PHPY 432.6](#)
- [200-Level, 300-Level or 400-Level ACB Courses](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [200-Level, 300-Level or 400-Level BIOL Courses](#)
- [200-Level, 300-Level or 400-Level BMSC Courses](#)
- [200-Level, 300-Level or 400-Level HSC Courses](#)
- [200-Level, 300-Level or 400-Level MCIM Courses](#)

Chemistry

Choose 6 credit units from the following:

- [100-Level CHEM Courses](#)

Choose 18 credit units from the following:

- A course in Analytical Chemistry or Inorganic Chemistry is recommended.
- [CE 212.3](#)
- [CE 417.3](#)
- [CHE 210.3](#)
- [CHE 454.3](#)
- [PHPY 302.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 432.6](#)
- [TOX 300.3](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [200-Level, 300-Level or 400-Level BMSC Courses](#)
- [200-Level, 300-Level or 400-Level CHEM Courses](#)

Drama

Please note that any 100 level course taken after the first 6 credit units will be counted as a senior course.

Choose 24 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level DRAM Courses](#)

English Language Arts

Choose 6 credit units from the following:

- [100-Level ENG Courses](#)

Choose 18 credit units from the following:

- [NS 270.6](#)
- [200-Level, 300-Level or 400-Level ENG Courses](#)

Mathematics

Choose 6 credit units from the following:

- [COMM 104.3](#)
- [100-Level MATH Courses](#)
- [100-Level STAT Courses](#)

Choose 18 credit units from the following:

- [200-Level, 300-Level or 400-Level MATH Courses](#)
- [200-Level, 300-Level or 400-Level STAT Courses](#)
- [BPBE 361.3](#)
- [CE 316.3](#)
- [CE 318.3](#)
- [CMPT 393.3](#)
- [CHE 311.3](#)
- [COMM 207.3](#)
- [COMM 393.3](#)
- [COMM 395.3](#)
- [ECON 204.3](#)
- [ECON 306.3](#)
- [ECON 450.3](#)
- [EE 216.3](#)
- [GE 210.3](#)
- [GEOG 302.3](#)
- [ME 450.3](#)
- [PLSC 214.3](#)

- [PSY 233.3](#)
- [PSY 234.3](#)
- [SOC 225.3](#)
- [SOC 325.3](#)

Modern Languages

Must choose 24 credit units of Cree or French. French courses required for admission are [FREN 122.3](#), and [FREN 125.3](#) or approved equivalents. Bilingual/immersion students must complete [FREN 128.3](#) and [FREN 218.3](#) or approved equivalents.

Choose 6 credit units from the following:

- [FREN 218.3](#)
- [100-Level CREE Courses](#)
- [100-Level FREN Courses](#)

Choose 18 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level CREE Courses](#)
- [200-Level, 300-Level or 400-Level FREN Courses](#)

Native Studies

Choose 24 credit units from the following:

Choose 6 cu's from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)

Option to choose from the following:

- [200-Level, 300-Level or 400-Level NS Courses](#)
- [HIST 263.6](#)
- [HIST 264.3](#)
- [HIST 265.3](#)
- [POLS 222.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [SOC 219.3](#)
- [SOC 319.3](#)
- [SOC 320.3](#)
- [SOC341.3](#)

Option to choose up to 6 credit units of the following:

- CREE 101.6
- CREE 110.3
- CREE 120.6

Option to choose up to 3 units from the following:

- ARTH 252.6
- ARTH 253.3
- ARTH 255.3
- ARTH 323.3
- ARTH 358.3
- ARTH 340.3
- ARTH 345.3
- ARTH 355.3
- ARTH 418.3
- ARTH 455.3

Physical Education - Teaching Area 1

To become a secondary physical education teacher, contact the College of Kinesiology for details on the 5-year combined B.Sc.(Kin.)/B.Ed. program. People who have a B.Sc. in Kinesiology can apply to the sequential program using their best 24 cu's of 3 or 6 credit unit Kinesiology courses to comprise their first teaching area.

Physics

Choose 6 credit units from the following:

- 100-Level PHYS Courses

Choose 18 credit units from the following:

- 100-Level, 200-Level, 300-Level or 400-Level ASTR Courses
- 200-Level, 300-Level or 400-Level PHYS Courses
- CE 315.3
- CE 317.3
- CE 321.3
- CE 415.3
- CE 416.3
- CE 418.3
- CE 463.3
- CE 470.3

- [EP 370.3](#)
- [EP 421.3](#)
- [GE 213.3](#)
- [GE 226.3](#)
- [GEOL 282.3](#)
- [GEOL 334.3](#)
- [GEOL 335.3](#)
- [ME 215.3](#)
- [ME 227.3](#)

Social Sciences/Social Studies

Please note that any 100 level course taken after the first 6 credit units will be counted as a senior course. Also note: At least 6 credit units of the total 18 credit units must include Canadian content. HIST courses with Canadian content are: [HIST 125.3](#), [HIST 151.3](#), [HIST 152.3](#), [HIST 253.3](#), [HIST 255.3](#), [HIST 256.3](#), [HIST 257.3](#), [HIST 258.3](#), [HIST 259.3](#), [HIST 260.3](#), [HIST 263.6](#), [HIST 264.3](#), [HIST 265.3](#), [HIST 266.3](#), [HIST 310.3](#), [HIST 350.3](#), [HIST 353.3](#), [HIST 361.3](#), [HIST 362.3](#), [HIST 363.3](#), [HIST 364.3](#), [HIST 365.3](#), [HIST 410.3](#), [HIST 450.6](#), ~~[HIST 464.6](#)~~, [HIST 466.3](#), [HIST 492.6](#); ECON course with Canadian content is: [ECON 231.3](#); GEOG courses with Canadian content are: [GEOG 202.3](#), [GEOG 204.3](#), [GEOG 381.3](#), [GEOG 386.3](#), [PLAN 342.3](#), [PLAN 343.3](#), [PLAN 442.3](#); POLS courses with Canadian content are: [POLS 204.3](#), [POLS 205.3](#), [POLS 222.3](#), [POLS 225.3](#), [POLS 226.3](#), [POLS 303.3](#), [POLS 304.3](#), [POLS 305.3](#), [POLS 306.3](#), [POLS 307.3](#), [POLS 322.3](#), [POLS 323.3](#), [POLS 349.3](#), [POLS 375.3](#), [POLS 376.3](#), [POLS 404.3](#), [POLS 405.3](#), [POLS 422.3](#), [POLS 424.3](#), [POLS 425.3](#); SOC courses with Canadian content are: [SOC 203.3](#), [SOC 204.3](#), [SOC 219.3](#), [SOC 227.6](#), [SOC 244.3](#), [SOC 246.3](#), [SOC 319.3](#); all NS courses are acceptable except [NS 221.3](#) and [NS 272.3](#).

Choose 6 credit units from the following:

- [COMM 347.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [NS 281.3](#)
- [NS 280.6](#)
- [NS 271.3](#)
- ~~[100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)~~

Choose 12 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PSY Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)
- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 392.3](#)
- [GEOG 486.3](#)
- [GEOG 491.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)

Visual Arts

Please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)

Choose 18 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)

Must include 2 different studio areas (painting, drawing, printmaking, extended media, sculpture, photography) within ART:

Painting: [ART 111.6](#), [ART 211.6](#), [ART 311.6](#), [ART 411.6](#), [ART 421.6](#), [ART 431.6](#)

Drawing: [ART 112.6](#), [ART 212.6](#), [ART 312.6](#), [ART 412.6](#), [ART 422.6](#), [ART 432.6](#)

Printmaking: [ART 113.6](#), [ART 213.6](#), [ART 313.6](#), [ART 413.6](#), [ART 423.6](#), [ART 433.6](#)

Extended Media: [ART 136.3](#), [ART 236.6](#), [ART 237.3](#), [ART 338.3](#), [ART 339.3](#), [ART 438.3](#), [ART 439.3](#)

Sculpture: [ART 141.3](#), [ART 241.3](#), [ART 242.3](#), [ART 341.3](#), [ART 342.3](#), [ART 441.3](#), [ART 442.3](#), [ART 443.3](#), [ART 445.3](#), [ART 446.3](#)

Photography: [ART 161.3](#), [ART 216.6](#), [ART 235.3](#), [ART 316.6](#), [ART 416.6](#), [ART 426.6](#), [ART 436.6](#)

Secondary - Teaching Area 2 (15 credit units)

Teacher candidates are required to complete a particular number of credit units in at least two teaching areas (disciplinary fields) that are tightly aligned with Saskatchewan pre-Kindergarten to grade twelve curriculum areas.

Biology

Please note that [PLSC 214.3](#) cannot be used to fulfill this requirement.

Choose 6 credit units from the following:

- [100-Level BIOL Courses](#)

Please note that [PLSC 214.3](#) cannot be used to fulfill this requirement.

Choose 6 credit units from the following:

- [200-Level, 300-Level or 400-Level PLSC Courses](#)
- [BIOL 222.3](#)
- [BIOL 224.3/BMSC 224.3](#)
- [BIOL 228.3](#)
- [BIOL 301.3](#)

- [BIOL 302.3](#)
- [BIOL 312.3](#)
- [BIOL 318.3](#)
- [BIOL 324.3](#)
- [BIOL 325.3](#)
- [BIOL 326.3](#)
- [BIOL 350.3](#)
- [BIOL 361.3](#)
- [BIOL 365.3](#)
- [BIOL 373.3](#)
- [BIOL 410.3](#)
- [BIOL 412.3](#)
- [BIOL 424.3](#)
- [BIOL 436.3](#)
- [BIOL 451.3](#)
- [BIOL 455.3](#)
- [BIOL 458.3](#)
- [BIOL 466.3](#)
- [BIOL 470.3](#)
- [BIOL 475.3](#)
- [BIOL 480.3](#)
- [BIOL 481.6](#)
- [PHPY 401.3](#)
- [PHPY 405.3](#)

Choose 3 credit units from the following:

- [CE 466.3](#)
- [HSC 350.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 306.3](#)
- [PHPY 403.3](#)
- [PHPY 432.6](#)
- [200-Level, 300-Level or 400-Level ACB Courses](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [200-Level, 300-Level or 400-Level BIOL Courses](#)
- [200-Level, 300-Level or 400-Level BMSC Courses](#)
- [200-Level, 300-Level or 400-Level HSC Courses](#)
- [200-Level, 300-Level or 400-Level MCIM Courses](#)

Chemistry

Choose 6 credit units from the following:

- [100-Level CHEM Courses](#)

Choose 9 credit units from the following:

- A course in Analytical Chemistry or Inorganic Chemistry is recommended.
- [CE 212.3](#)
- [CE 417.3](#)
- [CHE 210.3](#)
- [CHE 454.3](#)
- [PHPY 302.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 432.6](#)
- [TOX 300.3](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [200-Level, 300-Level or 400-Level BMSC Courses](#)
- [200-Level, 300-Level or 400-Level CHEM Courses](#)

Drama

Please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 15 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level DRAM Courses](#)

English Language Arts

Choose 6 credit units from the following:

- [100-Level ENG Courses](#)

Choose 9 credit units from the following:

- [NS 270.6](#)
- [200-Level, 300-Level or 400-Level ENG Courses](#)

Mathematics

Choose 6 credit units from the following:

- [COMM 104.3](#)
- [100-Level MATH Courses](#)

- [100-Level STAT Courses](#)

Choose 9 credit units from the following:

- [200-Level, 300-Level or 400-Level MATH Courses](#)
- [200-Level, 300-Level or 400-Level STAT Courses](#)
- [BPBE 361.3](#)
- [CE 316.3](#)
- [CE 318.3](#)
- [CHE 311.3](#)
- [CMPT 393.3](#)
- [COMM 207.3](#)
- [COMM 393.3](#)
- [COMM 395.3](#)
- [ECON 204.3](#)
- [ECON 306.3](#)
- [ECON 450.3](#)
- [EE 216.3](#)
- [EPSE 441.3](#)
- [GE 210.3](#)
- [GEOG 302.3](#)
- [ME 450.3](#)
- [PLSC 214.3](#)
- [PSY 233.3](#)
- [PSY 234.3](#)
- [SOC 225.3](#)
- [SOC 325.3](#)

Modern Languages

Must choose 15 credit units of Cree or French. French courses required for admission are [FREN 122.3](#) and [FREN 125.3](#) or approved equivalents. Bilingual/immersion students must complete [FREN 128.3](#) and [FREN 218.3](#) or approved equivalents.

Choose 6 credit units from the following:

- [FREN 218.3](#)
- [100-Level CREE Courses](#)
- [100-Level FREN Courses](#)

Choose 9 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level CREE Courses](#)
- [200-Level, 300-Level or 400-Level FREN Courses](#)

Native Studies

Choose 15 credit units from the following:

Choose 6 cu's from the following:

- 100-Level, 200-Level, 300-Level or 400-Level NS Courses

Option to choose from the following:

- 200-Level, 300-Level or 400-Level NS Courses
- HIST 263.6
- HIST 264.3
- HIST 265.3
- POLS 222.3
- POLS 322.3
- POLS 323.3
- SOC 219.3
- SOC 319.3
- SOC 320.3
- SOC 341.3

Option to choose up to 6 credit units of the following:

- CREE 101.6
- CREE 110.3
- CREE 120.6

Option to choose up to 3 units from the following:

- ARTH 252.6
- ARTH 253.3
- ARTH 255.3
- ARTH 323.3
- ARTH 358.3
- ARTH 340.3
- ARTH 345.3
- ARTH 355.3
- ARTH 418.3
- ARTH 455.3

Physics

Choose 6 credit units from the following:

- 100-Level PHYS Courses

Choose 9 credit units from the following:

- [200-Level, 300-Level or 400-Level PHYS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [CE 315.3](#)
- [CE 317.3](#)
- [CE 321.3](#)
- [CE 415.3](#)
- [CE 416.3](#)
- [CE 418.3](#)
- [CE 463.3](#)
- [CE 470.3](#)
- [EP 370.3](#)
- [EP 421.3](#)
- [GE 213.3](#)
- [GE 226.3](#)
- [GEOL 282.3](#)
- [GEOL 334.3](#)
- [GEOL 335.3](#)
- [ME 215.3](#)
- [ME 227.3](#)

Social Sciences/Social Studies

Please note that any 100-level course taken after the first 6 credit units will be counted as a senior course. Also note: At least 6 credit units of the total 15 credit units must include Canadian content. HIST courses with Canadian content are: [HIST 125.3](#), [HIST 151.3](#), [HIST 152.3](#), [HIST 253.3](#), [HIST 255.3](#), [HIST 255.3](#), [HIST 256.3](#), [HIST 257.3](#), [HIST 258.3](#), [HIST 259.3](#), [HIST 260.3](#), [HIST 263.6](#), [HIST 264.3](#), [HIST 265.3](#), [HIST 266.3](#), [HIST 310.3](#), [HIST 350.3](#), [HIST 353.3](#), [HIST 361.3](#), [HIST 362.3](#), [HIST 363.3](#), [HIST 364.3](#), [HIST 365.3](#), [HIST 410.3](#), [HIST 450.6](#), [HIST 464.6](#), [HIST 466.3](#), [HIST 492.6](#); ECON course with Canadian content is: [ECON 231.3](#); GEOG courses with Canadian content are: [GEOG 202.3](#), [GEOG 204.3](#), [GEOG 381.3](#), [GEOG 386.3](#), [PLAN 342.3](#), [PLAN 343.3](#), [PLAN 442.3](#); POLS courses with Canadian content are: [POLS 204.3](#), [POLS 205.3](#), [POLS 222.3](#), [POLS 225.3](#), [POLS 226.3](#), [POLS 303.3](#), [POLS 304.3](#), [POLS 305.3](#), [POLS 306.3](#), [POLS 307.3](#), [POLS 322.3](#), [POLS 323.3](#), [POLS 349.3](#), [POLS 375.3](#), [POLS 376.3](#), [POLS 404.3](#), [POLS 405.3](#), [POLS 422.3](#), [POLS 424.3](#), [POLS 425.3](#); SOC courses with Canadian content are: [SOC 203.3](#), [SOC 204.3](#), [SOC 219.3](#), [SOC 227.6](#), [SOC 244.3](#), [SOC 246.3](#), [SOC 319.4](#); all NS courses are acceptable except [NS 221.3](#) and [NS 272.3](#)

Choose 6 credit units from the following:

- [COMM 347.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [COMM 347.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)

- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)

Visual Arts

Please note that any 100 level course taken after the first 6 credit units will be counted as a senior course.

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)

Choose 9 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)

Must include 2 different studio areas (painting, drawing, printmaking, extended media, sculpture, photography) within ART:

Painting: [ART 111.6](#), [ART 211.6](#), [ART 311.6](#), [ART 411.6](#), [ART 421.6](#), [ART 431.6](#)

Drawing: [ART 112.6](#), [ART 212.6](#), [ART 312.6](#), [ART 412.6](#), [ART 422.6](#), [ART 432.6](#)

Printmaking: [ART 113.6](#), [ART 213.6](#), [ART 313.6](#), [ART 413.6](#), [ART 423.6](#), [ART 433.6](#)

Extended Media: [ART 136.3](#), [ART 236.6](#), [ART 237.3](#), [ART 338.3](#), [ART 339.3](#), [ART 438.3](#), [ART 439.3](#)

Sculpture: [ART 141.3](#), [ART 241.3](#), [ART 242.3](#), [ART 341.3](#), [ART 342.3](#), [ART 441.3](#), [ART 442.3](#), [ART 443.3](#), [ART 445.3](#), [ART 446.3](#)

Photography: [ART 161.3](#), [ART 216.6](#), [ART 235.3](#), [ART 316.6](#), [ART 416.6](#), [ART 426.6](#), [ART 436.6](#)

Education Courses - Year 3 & 4 (60 credit units)

Education Courses - Year 3

The following 30 credit units are required:

- ~~[EFDTDUC-301.3](#)~~
- ~~[EPSEdUC-302.3](#)~~
- ~~[EADMdUC-303.3](#)~~
- ~~[ECURdUC-32101.3](#)~~
- ~~[ECURdUC-3214.3](#)~~
- ~~[EFDTdUC-315.3](#)~~
- ~~[EDSTdUC-321.3](#)~~
- ~~[EDSTdUC-322.3](#)~~

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Education Courses - Year 4

The following 30 credit units are required:

- ~~[EADM 411.3, ECUR 411.3, EFDT 411.3, or EPSE 411.3](#)~~
- ~~[EDUC 411.6](#)~~
- ~~[EXPRdUC-422.151-12](#)~~
- ~~[EDUC 471.3](#)~~
- ~~[EPSE 390.3](#)~~

Choose ~~69~~ credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD](#)

Bachelor of Education - Music Education

Students interested in teaching music must contact the Department of Music in the College of Arts & Science for information on the Bachelor of Music degree in Music Education. Upon completion of the four year B.Mus.(Mus./Ed.) program students may choose to complete the Bachelor of Education (B.Ed.) degree. Students who successfully complete the B.Mus.(Mus./Ed.) program will be automatically accepted into the College of Education. The

full program comprises six years of study: four years in the B.Mus.(Mus./Ed.) program followed by two years in the B.Ed. program.

For detailed information about the Bachelor of Music degree in Music Education please see the [Music](#) section of the Course and Program Catalogue.

This Five-year program is designed for students who intend to teach Physical Education at the Secondary level. Students enrol in the College of Kinesiology and apply for admission to the College of Education at the end of Year 3; admission is limited to approximately 25 students. For admission information, please visit the [Prospective Students website](#).

Applicants interested in a career in teaching secondary physical education must register in the first year courses common to all routes in the College of Kinesiology, and must take [NS 107.3](#) and 3 credit units in social sciences or humanities. In the second and third year, interested students should follow the outline for the 5-year combined degree in Kinesiology and Education. Students registered in the College of Kinesiology are eligible to apply for entrance into the combined program if they have completed a minimum of 95 credit units that includes the following courses: [ACB 221.3](#); [BIOL 120.3](#) and [BIOL 224.3](#); [ENG 110.6](#) or choose 2 courses from [ENG 111.3](#), [ENG 112.2](#), or [ENG 114.3](#); [KIN 121.3](#), [KIN 122.3](#), [KIN 150.3](#), [KIN 222.3](#), [KIN 223.3](#), [KIN 225.3](#), [KIN 226.3](#), [KIN 231.3](#), [KIN 240.3](#), [KIN 281.3](#), [KIN 320.3](#), [KIN 322.3](#), [KIN 341.3](#), [KIN 380.3](#) and KIN elective (3 credit units) (choose from [KIN 232.3](#), [KIN 233.3](#), [KIN 255.3](#), [KIN 321.3](#), [KIN 334.3](#), [KIN 381.3](#), [KIN 425.3](#), [KIN 428.3](#), [KIN 431.3](#), [KIN 442.3](#), or [KIN 451.3](#)); [KINA 200.2](#), [KINA 210.2](#), [KINA 211.2](#), [KINA 235.2](#); [MATH 104.3](#) (or [MATH 110.3](#)); [NS 107.3](#) and 3 credit units in social sciences or humanities; and [STAT 245.3](#) or [PLSC 214.3](#) or [PSY 233.3](#) and 15 credit units in a second teaching area.

The B.Sc. (Kin.)/B.Ed. combined degree is a designated 168 credit-unit, five-year (plus one Spring and Summer Session) undergraduate program.

[Read more](#)

Program Requirements

Bachelor of Science Kinesiology/Bachelor of Education [B.Sc.(Kin.)/B.Ed.]

Field Experiences

Note: All teacher candidates must complete a criminal record check (CRC) with vulnerable sector check before they can participate in any field experience. Field experiences may occur anywhere in Saskatchewan and due to limited Saskatoon placement opportunities, a local practicum may not be possible on request. See letter of admission for further details.

Note: All teacher candidates must complete a criminal record check before they can participate in any field experience.

Student Teaching (Non-credit) Pre-Internship Field Study

Pre-internship field study involves exploratory, practical experience in partner schools. Teacher candidates will be expected to carry out course assignments in their assigned school, engage in volunteer in-school activities wherever possible, observe, teach small and large groups and facilitate learning activities under the guidance of cooperating teachers, faculty members, and field experience coordinators. Teacher candidates are placed with teachers holding a Saskatchewan Teaching Certificate in a school using provincial curricula and organized under the Education Act. Teacher candidates will be assigned a partner school within commuting distance of Saskatoon, and must complete pre-internship field study experiences by June 30 prior to internship commencing the fall of that same year.

~~Student Teaching is an exploratory, practical experience in a partner school. Teacher candidates will be expected to carry out course assignments in their assigned school, engage in volunteer in-school activities wherever possible, observe, teach small and large group activities under the guidance of cooperating teachers, faculty members, and field experience coordinators. Teacher candidates are placed with teachers holding a Saskatchewan Teaching Certificate in a school using provincial curricula and organized under the Education Act. Although Student Teaching is a non-credit course, it is a requirement in all Bachelor of Education Degree programs.~~

Teacher candidates in the Sequential Program

~~Teacher candidates will be assigned a partner school within commuting distance of Saskatoon, and will carry out assignments and activities at the school during Year 4 of their program.~~

Extended Practicum (15 credit units) Internship

~~Internship involves one term of teaching experience, approximately 16 weeks in length. Teacher candidates must register in EXPR 422.15 Teacher candidates may not register in any course that runs concurrently with the Extended Practicum. The Extended Practicum (EDUC 421.12 & EDUC 471.3) involves one term of teaching experience, approximately 16 weeks in length. Teacher candidates may not register in any course that runs concurrently with the Extended Practicum.~~

~~Teacher candidates must be prepared to complete the Extended Practicum in a center other than Saskatoon. Extended Practicum teacher candidates are placed with teachers holding a Saskatchewan Teaching Certificate in a school using the provincial curriculum and organized under the Education Act.~~

Internships may be required of teacher candidates in centers not within commuting distance of Saskatoon. During internship teacher candidates are placed with teachers holding a Saskatchewan Teaching Certificate in a school using the provincial curriculum and organized

under the Education Act. In order to support province-wide enthusiasm for interns in School Division contexts as well as schools in First Nations communities, the College of Education has developed partnership opportunities in diverse locations and looks forward to the learning these opportunities provide as well as the energy and innovation our interns will extend. A limited number of special requests are considered each year related to rural or urban placements that relate to exceptional circumstances (with financial responsibilities not considered as criteria for requests). Outside of these circumstances, placement preferences related to location are not guaranteed.

Before ~~Internship registration~~ ~~they may register for Extended Practicum~~, teacher candidates must have obtained a minimum Cumulative Weighted Average of 60% both in their External and their Education courses. In addition, teacher candidates in the Secondary option must have a minimum average of 60% in each of Teaching Areas 1H and 2H.

To be eligible for the Extended Practicum, teacher candidates must have completed all External courses, all Education pre-internship courses and the student teaching experience by June 30 prior to ~~the~~ ~~internship~~ ~~commencement~~.

Specific dates are posted in the online [Course Offerings](#).

~~Teacher Certification~~

~~The Bachelor of Education degree is designed to meet the requirements of Saskatchewan Learning for a Professional A Teaching Certificate. Prospective teachers must apply directly to Saskatchewan Learning for this certificate. Application forms are available from Saskatchewan Learning.~~

~~All students applying for a teaching certificate must request that an official transcript from Student Central, Student and Enrolment Services, be forwarded to Saskatchewan Learning.~~

~~Government regulations require all applicants for a teaching certificate to indicate whether or not they have been convicted of or charged with any criminal offence of a sexual nature or involving a minor and to authorize a criminal record search. Applicants must also indicate whether or not a teaching certificate has been suspended or cancelled.~~

Year 1 (30 credit units)

- [BIOL 120.3](#)
- [BIOL 224.3/BMSC 224.3](#)
- [KIN 121.3](#)
- [KIN 122.3](#)
- [KIN 150.3](#)

- [MATH 104.3](#) or [MATH 110.3](#)

Choose 6 credit units from the following:

- [100-Level ENG Courses](#)

Choose 3 credit units of Social Sciences or Humanities

Humanities

- [CHIN 114.3](#)
- [CHIN 117.3](#)
- [CHIN 216.3](#)
- [CHIN 218.3](#)
- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CMRS 110.3](#)
- [CMRS 111.3](#)
- [CREE 101.6](#)
- [CREE 120.6](#)
- [ENG 110.6](#)
- [ENG 111.3](#)
- [ENG 112.3](#)
- [ENG 113.3](#)
- [ENG 114.3](#)
- [FREN 103.3](#)
- [FREN 106.3](#)
- [FREN 122.3](#)
- [FREN 125.3](#)
- [FREN 128.3](#)
- [FREN 218.3](#)
- [GERM 114.3](#)
- [GERM 117.3](#)
- [GRK 112.3](#)
- [GRK 113.3](#)
- [HEB 111.6](#)
- [HIST 110.3](#)
- [HIST 111.3](#)
- [HIST 115.3](#)
- [HIST 120.6](#)
- [HIST 121.3](#)
- [HIST 122.3](#)
- [HIST 125.3](#)
- [HIST 135.3](#)
- [HIST 145.3](#)
- [HIST 151.3](#)

- [HIST 152.3](#)
 - [HIST 155.3](#)
 - [HIST 165.3](#)
 - [HIST 170.6](#)
 - [HIST 175.3](#)
 - [INTS 101.12](#)
 - [LATN 112.3](#)
 - [LATN 113.3](#)
 - [LING 110.3](#)
 - [LIT 100.6](#)
 - [MUS 111.3](#)
 - [PHIL 110.6](#)
 - [PHIL 120.3](#)
 - [PHIL 133.3](#)
 - [PHIL 140.3](#)
 - [RLST 110.6](#)
 - [RUSS 114.3](#)
 - [RUSS 117.3](#)
 - [SNSK 114.3](#)
 - [SNSK 117.3](#)
 - [SPAN 114.3](#)
 - [SPAN 117.3](#)
 - [UKR 114.3](#)
 - [UKR 117.3](#)
 - [WGST 112.3](#)
- Any senior-level humanities course provided that the prerequisite is met.
 - Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the course descriptions. [CLAS 103.3](#), [CLAS 104.3](#), [CLAS 105.3](#), and [CLAS 106.3](#) may not be used to fulfill the General Requirement.

Social Sciences

- [ANTH 111.3](#)
- [ARCH 112.3](#)
- [ARCH 116.3](#)
- [ECON 111.3](#)
- [ECON 114.3](#)
- [GEOG 130.3](#)
- [LING 111.3](#)
- [LING 112.3](#)
- [NS 107.3](#)
- [POLS 111.3](#)
- [POLS 112.3](#)
- [PSY 100.3](#)
- [PSY 120.3](#)

- [PSY 121.3](#) ([PSY 120.3](#) and [PSY 121.3](#) were formerly PSY 110)
- [SOC 111.3](#)
- [SOC 112.3](#)
- [WGST 112.3](#)
- Any senior-level social science courses provided that the prerequisite is met.
- Most statistics courses are not accepted for credit in the General Requirement.

Choose 3 credit units from the following:

- [NS 107.3](#) or equivalent
- [COMM 347.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)

Year 2 (34 credit units)

- [ACB 221.3](#)
- [KIN 222.3](#)
- [KIN 225.3](#)
- [KIN 226.3](#)
- [KIN 231.3](#)
- [KIN 240.3](#)
- [KIN 281.3](#)
- [KINA 200.2](#)
- [KINA 211.2](#)
- [STAT 245.3](#) or [PLSC 214.3](#) or [PSY 233.3](#)

Outside Electives - Teaching Area ~~2H~~ (6 credit units)

For information about what classes may count towards Teaching Area II, please see the Bachelor of Education page in the Course and Program Catalogue. It is recommended that students contact the College of Education for assistance with choosing courses for this teaching area.

Year 3 (36 credit units)

- [KIN 223.3](#)
- [KIN 320.3](#)
- [KIN 322.3](#)
- [KIN 341.3](#)
- [KIN 380.3](#)
- [KINA 210.2](#)
- [KINA 235.2](#)

Choose 2 credit units from the following:

- [200-Level, 300-Level or 400-Level KINA Courses](#)

Choose 6 credit units from the following:

- [KIN 232.3](#)
- [KIN 233.3](#)
- [KIN 255.3](#)
- [KIN 321.3](#)
- [KIN 334.3](#)
- [KIN 381.3](#)
- [KIN 425.3](#)
- [KIN 428.3](#)
- [KIN 431.3](#)
- [KIN 442.3](#)
- [KIN 451.3](#)
- [KIN 498.3](#)

Outside Electives - Teaching Area ~~2H~~(9 credit units)

Teaching Area 2

For information about what classes may count towards Teaching Area ~~2H~~, please see the Bachelor of Education page in the Course and Program Catalogue, [specifically Secondary - Teaching Areas 2 \(15 credit units\)](#). It is recommended that students contact the College of Education for assistance with choosing courses for this teaching area.

Year 4 (30 credit units)

- [~~EFDT~~EDUC-301.3](#)
- [~~EPSE~~EDUC-302.3](#)
- [~~EADM~~EDUC-303.3](#)
- [~~ECUR~~EDUC-32101.3](#)
- [~~ECUR~~EDUC-3214.3](#)
- [~~EFDT~~EDUC-315.3](#)
- [~~EDST~~EDUC-321.3](#)
- [~~EDST~~EDUC-322.3](#)

Choose 6 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)

- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)
- [Kin 451.3](#)

Year 5 (30 credit units)

- [EXPR 422.15](#)
- [EADM 411.3, ECUR 411.3, EFDT 411.3, or EPSE 411.3](#)
- ~~[EDUC 411.6](#)~~[EPSE 390.3](#)
- ~~[EDUC 421.12](#)~~
- ~~[EDUC 471.3](#)~~
- [KIN 423.3](#)
- [KIN 432.3](#)

Choose 3 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Spring and Summer Session (after Fourth or Fifth Year) (8 credit units)

Choose 3 credit units from the following:

Unnrestricted electives

Choose 2 credit units from the following:

- [200-Level, 300-Level or 400-Level KINA Courses](#)

Choose 3 credit units from the following:

- [KIN 232.3](#)
- [KIN 233.3](#)
- [KIN 255.3](#)
- [KIN 321.3](#)
- [KIN 334.3](#)
- [KIN 381.3](#)
- [KIN 425.3](#)
- [KIN 428.3](#)
- [KIN 431.3](#)
- [KIN 442.3](#)

- [KIN 451.3](#)
- [KIN 498.3](#)

Certificate in Secondary Technical Vocational Education (C.S.T.V.E.)

Applicants to this program must have an acceptable Saskatchewan Journeyperson Certificate or equivalent, or an acceptable Diploma in Technology or Applied Arts from a recognized Technical Institute plus evidence of satisfactory work experience in the field of the teaching major. Among acceptable Saskatchewan Journeyperson's Certificates are: Agricultural Mechanic, Commercial Cook, Electrician, Industrial Mechanic (Millwright), Automotive Service Technician, Welding, Carpentry, Hairstylist, Heavy Duty Equipment Mechanic, Machinist, Electronics (formerly Radio and Television Repair). Among acceptable Diplomas in Technology or the Applied Arts are: Electrical Technology, Electronics Technology, Civil Technology, Drafting Technology, Mechanical and Architectural Technology.

The cumulative weighted average (CWA) required for successful completion of this certificate is 50%.

Program Requirements

Requirements

Year 1 (30 credit units)

- Journey Person Certificate (The Journey Person Certificate is equivalent to 30 credit units of the Certificate in Secondary Technical Vocational Education and is the Teaching Area 1)

Year 2 - 36 Credit Units

- ~~EDUC 301.3~~EDFT 301.3
- ~~EDUC 302.3~~EPSE 302.3
- ~~EDUC 303.3~~EADM 303.3
- ~~EDUCCUR 32044.3~~
- ~~EDUCCUR 32444.3~~
- ~~EDUC 315.3~~EFDT 315.3
- ~~EDUC 321.3~~EDST 321.3
- ~~EDUC 322.3~~EDST 322.3
- ~~ECUR 322.3~~
- ~~ECUR 334.3~~
- ~~EXPR 401.6~~

Indian Teacher Education Program (ITEP)

This Four-year Concurrent program is designed for First Nations/Aboriginal students. For details on program requirements and admission procedures contact: The ~~Director~~Coordinator, Indian Teacher Education Program, College of Education, University of Saskatchewan, 28 Campus Drive, Saskatoon SK S7N 0X1, Tel: 306-966-7686, Fax: 306-966-7630.

Program Requirements

Requirements Elementary/Middle Years Program:

Year 1 – 27 credit units

- [ENG 110.6](#) or choose two of [ENG 111.3](#), [ENG 112.3](#), [ENG 113.3](#), or [ENG 114.3](#)

Choose 3 credit units from the following:

Arts Education courses from Elementary Teaching Areas 1 or 2

Choose 3 credit units from the following:

Science courses from Elementary Teaching Areas 1 or 2

Choose 6 credit units from the following:

Open Electives 100-400 level (must be compiled using 3 or 6 credit unit courses)

Choose 3 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level NS Courses](#)
- [COMM 347.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
-

Choose 3 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [NS 271.3](#)
- [NS 280.6](#)
- [NS 281.3](#)

Choose 3 credit units from the following:

- ~~EFDT~~[EDUC-301.3](#)

Year 2 – 30 credit units

- ~~EDUC 302.3~~[EPSE 302.3](#)
- ~~EDUC 313.3~~[EFDT 313.3](#)
- ~~EDUC 321.3~~[EDST 321.3](#)

Choose 3 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level MATH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level STAT Courses](#)

Choose 3 credit units from the following:

[KIN 121.3](#) or [KIN 122.3](#)

Choose 6 credit units from the following:

Teaching Area 1

Choose 6 credit units from the following:

Teaching Area 2

Choose 3 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Year 3 – 33 credit units

- ~~EDUC 303.3~~[EADM 303.3](#)
- ~~EDUC 309.3~~[ECUR 309.3](#)
- ~~EDUC~~[CUR 3102.3](#)
- ~~EDST~~[EDUC-322.3](#)

Choose 12 credit units from the following:

Teaching Area 1

Choose 6 credit units from the following:

Teaching Area 2

Choose 3 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Year 4 – 30 credit units

- [EDUC 411.63](#)
- [EPSE 390.3](#)
- [EXPRDUC 421.122.15](#)
- ~~[EDUC 471.3](#)~~

Choose ~~99~~ credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Requirements Secondary Program:

Year 1 – 27 credit units

- [ENG 110.6](#) or choose two of [ENG 111.3](#), [ENG 112.3](#), [ENG 113.3](#), or [ENG 114.3](#)
- [NS 107.3](#)

Choose 6 credit units from the following:

Teaching Area 1

Choose 6 credit units from the following:

Teaching Area 2

Choose 3 credit units from the following:

Open Electives 100-400 level (must be compiled using 3 or 6 credit unit courses)

Choose 3 credit units from the following:

- ~~EFDT~~EDUC-301.3

Year 2 – 30 credit units

- ~~EPSE~~EDUC-302.3
- ~~EADM~~EDUC-303.3
- ~~EFDT~~EDUC-315.3
- ~~EDST~~EDUC-321.3

Choose 6 credit units from the following:

Teaching Area 1

Choose 6 credit units from the following:

Teaching Area 2

Choose 6 credit units from the following:

- 100-Level, 200-Level, 300-Level or 400-Level EADM Courses
- 100-Level, 200-Level, 300-Level or 400-Level ECUR Courses
- 100-Level, 200-Level, 300-Level or 400-Level EDUC Courses
- 100-Level, 200-Level, 300-Level or 400-Level EFDT Courses
- 100-Level, 200-Level, 300-Level or 400-Level EMUS Courses
- 100-Level, 200-Level, 300-Level or 400-Level EPSE Courses
- 100-Level, 200-Level, 300-Level or 400-Level ETAD Courses

Year 3 – 33 credit units

- ~~ECUR~~EDUC-310.3
- ~~EDUC~~ECUR-324.3
- ~~EDST~~EDUC-322.3

Choose 12 credit units from the following:

Teaching Area 1

Choose 3 credit units from the following:

Teaching Area 2

Choose 3 credit units from the following:

- 100-Level, 200-Level, 300-Level or 400-Level EADM Courses
- 100-Level, 200-Level, 300-Level or 400-Level ECUR Courses

- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Choose 6 credit units from the following:

Open Elective 100-400 level (Open Electives must be compiled using 6 or 3 credit unit courses)

Year 4 – 30 credit units

- [EADM 411.3, ECUR 411.3, EFDT 411.3, or EPSE 411.3](#)
- [EPSE 390.3](#)
- ~~[EDUC 411.6](#)~~
- ~~[EXPRDUC 421.122.15](#)~~
- ~~[EDUC 471.3](#)~~

Choose 9 credit units from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EDUC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Northern Teacher Education Program (NORTEP)

Based in La Ronge, this Four-year Concurrent off-campus program is offered jointly by the University of Saskatchewan and the University of Regina.

The objective of the program is to provide an opportunity for northern residents, preferably with fluency in an Aboriginal language, to become certified teachers.

For details on program requirements and admission procedures contact: The Director, NORTEP, Box 5000, La Ronge SK S0J 1L0, Tel: 306-425-4411, Fax: 306-425-3580.

Program Requirements

[Northern Teacher Education Program \(NORTEP\) \(126 credit units\)](#)

Courses taken through either the University of Regina or the University of Saskatchewan:

Choose **3 credit units** from the following:

- open elective - 100 - 400 level (open electives must be compiled using 3 or 6 credit unit courses)

Courses taken through the University of Saskatchewan (total of 72 credit units):

- [ENG 110.6](#) or choose 2 of [ENG 111.3](#), [ENG 112.3](#), [ENG 113.3](#), or [ENG 114.3](#)

Choose 3 credit units from the following:

[HLTH 100.3](#) or open elective - 100 - 400 level

Choose 6 credit units from the following:

Teaching Area 1 or open elective - 200 - 400 level

Choose 3 credit units from the following:

Teaching Area 1 or Teaching Area 2

Choose 6 credit units from the following:

[NS 270.6](#) or Teaching Area 2

Choose 3 credit units from the following:

- or [KIN 150.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level DRAM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MUS Courses](#)

Choose 3 credit units from the following:

Teaching Area 1 or Teaching Area 2 or open elective - 200 - 400 level

Choose 3 credit units from the following:

- or Teaching Area 1 or Teaching Area 2 - 200 - 400 level
- [200-Level, 300-Level or 400-Level NS Courses](#)

Choose 3 credit units from the following:

- [CMPT 100.3](#)
- or open elective 100-400 level

Choose 3 Science credit units from the following:

- [GEOG 120.3](#)
- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- [GEOL 206.3](#)
- [GEOL 226.3](#)
- [GEOL 247.3](#)
- [GEOL 330.3](#)
- [GEOL 384.3](#)
- [GEOL 413.3](#)
- [GEOL 429.3](#)
- [GEOL 450.3](#)
- [GEOL 451.3](#)
- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 380.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [SLSC 273.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level ACB Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [300-Level or 400-Level BIOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)
- [200-Level, 300-Level or 400-Level HSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [200-Level, 300-Level or 400-Level PLSC Courses](#)

Note: Not PLSC 214

Required Courses (33 credit units)

- [EADM 425.3](#)

- [EART 303.3](#)
- [ECUR 278.3](#)
- [ECUR 312.3](#)
- [ECUR 322.3](#)
- [ECUR 370.3](#)
- [ECUR 382.3](#)
- [EFDT 335.3](#)
- [EFDT 435.3](#)
- [EPSE 258.3](#)
- [EPSE 390.3](#)

Courses taken through the University of Regina (total of 51 credit units):

The remaining 51 credit units will be completed with University of Regina courses.

Post-Degree Certificate in Education: Special Education

The University of Saskatchewan Department of Educational Psychology & Special Education, in partnership with the Centre for Continuing & Distance Education, offers a Post-Degree Certificate in Education: Special Education. The course content was developed based on the International Council for Exceptional Children's Standards for Entry into the profession. Designing a curriculum that addresses these standards requires an array of courses to fully prepare the special needs professional to meet the demands of this challenging and growing area of specialization. This certificate is comprised of 30 credit units of special education classes, completion of which allows you to become qualified to teach special education based on Saskatchewan Learning requirements. Approved by [Saskatchewan Learning Ministry of Education](#) as an [Additional Qualification Certificate](#), this certificate enables teachers to upgrade their classification.

Applicants to the program will require a Bachelor of Education Degree and valid Professional A Teaching Certificate. In addition, applicants will be required to have at least one year of successful classroom teaching experience or the equivalent in education related settings. Entrants will be expected to have completed at least six credit units of undergraduate courses in Special Education.

Program Requirements

Requirements

- [EPSE 500.3](#)
- [EPSE 510.3](#)
- [EPSE 520.3](#)
- [EPSE 530.3](#)

- [EPSE 540.3](#)
- [EPSE 551.3](#)
- [EPSE 560.3](#)
- [EPSE 570.3](#)
- 6 credit units of open elective courses from within and/or outside Educational Psychology and Special Education, chosen by the student in consultation and with permission of the Program Director.

Please note the following correction to the November 2014 Course Challenge:

ECUR 326 prerequisite revision stated that "BIO" is required, rather than "BIOL." The College of Education has confirmed that the correct subject code is "BIOL."

College of Engineering:

On behalf of the College of Engineering, the following curricular revisions were approved by the College of Engineering Undergraduate Academic Programs Committee and are now submitted to the University Course Challenge for review and approval.

DEPARTMENT OF CIVIL AND GEOLOGICAL ENGINEERING

Type of Change:	Course Deletion
Course Deleted:	CE 472.3: Study Abroad and European Structures
Course Replacement:	None
Date of Implementation:	January 2015
Rationale for Change:	The course is a moribund course and is no longer a degree, program, or option requirement in any of the disciplines.

Type of Change:	Prerequisite Change
Previous Prerequisites:	<u>GEOE 377: Introduction to Mining and Mineral Processing Engineering</u> Prerequisite: GE 213 or a corequisite of GEOL 465.
New Prerequisites:	<u>GEOE 377: Introduction to Mining and Mineral Processing Engineering</u> Prerequisite: GEOL 121 and GE 213 or a corequisite of GEOL 465.
Date of Implementation:	January 2015
Rationale for Change:	When GEOE 377 was first developed (as a 498 course), the intent was to have GEOL 121 as a prerequisite. This was not done at the time due to enrolment concerns. GEOE 377 lecture material was originally designed to provide GEOL 121 introductory material sufficient to prepare students for GEOE 377 material. Most students taking the course have GEOL 121 making the current review redundant for most students. Adding GEOL 121 as a prerequisite will provide more time to teach the required curriculum.

Type of Change:	New Course Proposal
Proposed Course:	GEOE 430: Drill, Blast, and Excavate
Proposed Term Descriptor:	1(3L-1.5P)
Proposed Prerequisites:	GEOE 315 or GEOL 258
Proposed Corequisites:	GEOE 377
Proposed Description:	This course covers the principal methods of rock breakage for mining and includes drilling, blasting and various machine excavation techniques. Topics include the properties and theories of explosives, rock breakage mechanics, and blast vibration monitoring for mining. In addition, safety regulations with an emphasis on the province of Saskatchewan are discussed. AutoCAD integrated software for mining will be introduced.
Rationale for Change:	The course has already been offered as a special topics course with the intent of being formally introduced as a component of the Geological Engineering Mining Option.

Type of Change:	New Course Proposal
Proposed Course:	GEOE 431: Mine Design
Proposed Term Descriptor:	1(3L-1.5P)

Proposed Prerequisites:	Prerequisite(s): GEOE 377 and GEOE 315 OR Prerequisite(s) or Corequisite(s): GEOE 430 (prerequisite) and GEOE 380 (Corequisite)
Proposed Description:	Selection, design, and development of underground mining methods based upon physical, geological, economic, and environmental constraints. This course will provide the mining engineer with the knowledge to determine the optimum mining method for a deposit, the selection of equipment, production requirements, and costing.
Date of Implementation:	January 2015
Rationale for Change:	The course has already been offered as a special topics course with the intent of being formally introduced as a component of the Geological Engineering Mining Option.

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
--

Type of Change:	Prerequisite Change
Previous Prerequisites:	<u>EE 202: Electric and Magnetic Fields and Circuits</u> Prerequisite: (MATH 123 or MATH 110), (MATH 124 or MATH 116), and (PHYS 155 or PHYS 115).
New Prerequisites:	<u>EE 202: Electric and Magnetic Fields and Circuits</u> Prerequisite: (MATH 123 or MATH 110), (MATH 124 or MATH 116), and (PHYS 155 (taken) or PHYS 115 (taken)).
Date of Implementation:	January 2015
Rationale for Change:	The material from PHYS 155 is reviewed in EE 202 and the instructor feels that receiving a passing mark in PHYS 155 is not necessary.

Type of Change:	Prerequisite Change
Previous Prerequisites:	<u>EE 241: Introduction to Electric Power Systems</u> Prerequisite: MATH 123 and MATH 124 and EE 202 (taken).
New Prerequisites:	<u>EE 241: Introduction to Electric Power Systems</u> Prerequisite: MATH 123 and MATH 124 and PHYS 155.
Date of Implementation:	January 2015
Rationale for Change:	Minor course change.

Type of Change:	Prerequisite Change
Previous Prerequisites:	<u>EE 271: Materials and Heat Transport in Electrical Engineering</u> Prerequisite: CHEM 114 and PHYS 155.
New Prerequisites:	<u>EE 271: Materials and Heat Transport in Electrical Engineering</u> Prerequisite: CHEM 114 and PHYS 155 (taken).
Date of Implementation:	January 2015
Rationale for Change:	The material from PHYS 155 is of only minor importance to EE 271 and the instructor feels that a passing mark in PHYS 155 is not necessary.

SCHOOL OF PROFESSIONAL DEVELOPMENT	
---	--

Type of Change:	New Course Proposal
Proposed Course:	RCM 495.3: Rhetorical Peer Mentorship
Proposed Term Descriptor:	1 / 2 (1S-3RES)
Proposed Prerequisites:	RCM 401 and an additional 6 credit units of RCM 400 Level courses.
Proposed Description:	In this course, students will further develop their understanding of rhetorical and learning theory, and will work collaboratively, under the supervision of the instructors, to apply the rhetorical skills they have learned in this class, and other Rhetorical Communication classes, in order to complete a capstone-mentorship project.
Date of Implementation:	January 2015
Rationale for Change:	The course has already been offered as a special topics course with the intent of being formally introduced as a component of the Professional Communication Option.

New Course: ENVE 478 Contaminated Site Remediation Engineering

Course Description:

This course focuses on the fundamentals and applications of remediation engineering for contaminated sites. The course demonstrates equilibrium phase partitioning, mass transfer and degradation of contaminants in subsurface environments. Engineering design and quantitative analyses of remediation processes and performance for existing remediation technologies will be presented. Finally, the course will explore the engineering aspects of alternative and emerging site remediation technologies.

Prerequisite: GEOL 121 or CHEM 115 and 42 credit units from EN Senior Courses

Rationale for making this change

Demand for the implementation of cost-effective remediation processes and the development of innovative, highly efficient remediation technologies has been growing in environmental remediation and natural resource development industries all over the world. In the College of Engineering, there is no course that particularly focuses on engineering aspects of remedial technologies implemented in contaminated environments. The new course will equip the students with the engineering skills needed to design and interpret for a variety of remediation technologies for contaminated sites.

Date of Implementation

January 2015

Contact person and phone number

Dr. Charles Maule
College of Engineering
306-966-4765

Date of submission: November 25, 2014

Approval date by college: October 7, 2014

College of Graduate Studies and Research

The curricular revisions listed below were approved through the Graduate Academic Affairs Committee and/or the Graduate Programs Committee and are now submitted to the University Course Challenge for approval.

University Course Challenge – December 2014

COURSE REVISIONS

A prerequisite cleanup project has resulted in the following prerequisite changes:

VBMS 833.3: Subclinical Toxicology

Discusses subclinical manifestations to toxic agents. The emphasis will be on immunological and behavioral alterations produced by a variety of chemical agents. Animal models and testing methods used to evaluate the effects will be discussed, along with various public health considerations and significance.

Prerequisite(s): ~~VBMS 836 and PSY 110 or permission of the instructor.~~ Registration in a graduate program in Toxicology or Veterinary Biomedical Sciences or permission of the instructor.

ETAD 803.3: Multimedia Design for Learning

Presents procedures and principles for planning, producing and evaluating computer-based instruction, and how to develop the necessary print-based support materials required for its implementation.

Formerly: ECMM 803

~~Prerequisite(s): ECMM 370 or equivalent computer applications course.~~

Note: Students with credit for ECMM 803 will not receive credit for this course.

ETAD 877.3: Video Design for Learning

Designed to allow students to continue video production experiences encountered during ECMM 476. The student will have the opportunity to script, direct, produce, and edit an individual medium length video production. The highly individualized course gives the student wide latitude and flexibility in content, technique and production time.

Formerly: ECMM 877

~~Prerequisite(s): ECMM 476; or experience and permission of the department.~~

Note: The student should be prepared to spend somewhat more time than is normally required for a 3 credit unit course. Students with credit for ECMM 877 will not receive credit for this course.

ETAD 879.6 Advanced Video Design for Learning

Investigates development of open and closed circuit television in educational institutions and integration of television into formal and informal learning situations. Development of knowledge and skills in television production, direction and script writing will be stressed in practical laboratory situation. Students will undertake major projects simulating those now utilized in educational TV.

formerly: ECMM 879

~~Prerequisite(s): ECMM 476, or experience and permission of the department.~~

Note: Students with credit for ECMM 879 will not receive credit for this course.

CMPT 817.3 — 1/2(3L)

Usability Engineering

Is a structured approach to developing usable interface designs. The course helps integrate human-computer interaction (HCI) requirements and design approaches within development projects managed by software engineering (SE) methodologies. The course also presents a requirements engineering (RE) approach to usability engineering by providing in-depth coverage of the Putting Usability First development methodology.

Prerequisite(s): ~~CMPT 371 or graduate standing in Computer Science or~~ permission of the instructor.

CMPT 840.3 — 1/2(3L)

Accessible Computing

Investigates accessibility issues and features relating to the analysis and design of computing applications. It introduces major sources of information on accessible computing and works towards developing a comprehensive strategy for improving the accessibility of computing applications.

Prerequisite(s): ~~CMPT 370 or graduate standing in Computer Science or~~ permission of instructor.

CMPT 858.3 — 1/2(3L)

Topics in Modeling and Operations Research

In-depth coverage of recent research areas from Operations Research, and applications to system modeling. Advanced topics from mathematical programming, queuing theory, inventory control, simulation, Markov modeling, and simulation.

~~Prerequisite(s): CMPT 818 or equivalent~~

Other course modifications:

MBA 992: ~~Management Consulting Project~~ Venture Management

~~Will lead students through the management consulting process, including developing and presenting a consulting proposal and completion of the project. Industry business clients are expected for each consulting project, and may include a student's employer, but exceptions may be made for students who wish to research their own business enterprise. This course is a core component of the Edwards MBA, integrating a cross section of business concepts and application. Developing the proposal, carrying out the work plan, analyzing the results, drawing~~

~~conclusions, formulating recommendations, drafting the final consulting report, and liaising with the business client ensures that students have experience in project management through every step.~~

Designed to assist students in developing and understanding the skills and tools required in preparing and presenting a complete and professional business plan for a business entity. All aspects of the business plan are discussed and integrated, including operations, human resources, marketing and finance. MBA students are expected to combine knowledge and skills to produce and present a professional business plan.

Prerequisite(s): MBA 803, ~~825~~, or permission of the ~~Director~~ Manager of the MBA program.

Rationale: A need for skill building including presentation, communication and integration of knowledge learned throughout the program has been identified. The proposed course eliminates the risks of external parties in regards to working with real business clients in the current structure. The new course also puts onus on the MBA student, by requiring them to work individually versus in a group as in the current form.

NEW COURSES

ARCH 875.3: Advanced Bioarchaeology

This course is an extensive examination of ancient disease, nutrition, and activity in past populations focusing on the gross description, diagnosis, and interpretation of human skeletal and dental lesions. The first part of the course will provide background information to students including the history of and current issues in paleopathology, osteobiographical methods, skeletal and dental biology, and paleopathological techniques. The second part of the course will introduce students to the most common pathological conditions and/or activity indicators (classified into one of ten broad categories) affecting human remains, particularly those recovered from archaeological contexts. Lectures will make use of limited natural and cast material and extensive photographic collections. Five discussion sessions have also been scheduled throughout the term (see course outline below). Discussion sessions will focus on assigned readings from the previous lectures and be lead predominately by students. Three lab assignments will be due during the latter part of the course, each involving the extensive description and/or diagnosis of a pathological specimen (cast). Finally, a research paper is also required. This course will conform to the academic requirements and standards for graduate courses, including the rules of Student Appeals in Academic Matters.

Prerequisite: ARCH 470 or permission of the instructor.

Instructor: Angela Lieverse, PhD

Rationale: The Department of Archaeology and Anthropology has a growing number of graduate (MA) students in bioarchaeology, many of whom would benefit from a 3-credit course focusing on advanced bioarchaeological topics, such as paleopathology, dental anthropology, ancient activity and lifestyle. hunter-gatherer bioarchaeology, and growth and development. This course has been taught twice before (most recently in 2009), as ARCH 898, Special Topics in Archaeology, both times with a focus on Paleopathology, and it is continuing to be in demand. Therefore I would like to have a 3-credit graduate level advanced topics course devoted to bioarchaeology added permanently to the department's course listing.

ENVS 812.3: Statistical Methods in Environment and Sustainability

This course is designed for graduate students to improve their knowledge and understanding of the application of statistical methods. The course begins with introductory concepts and moves through to more intermediate problems. Applications to environmental science problems will be emphasized. Contents will include classical statistical concepts, exploratory data analysis techniques, continuous and discrete distributions, hypothesis testing, correlation and regression analysis, analysis of variance, nonparametric statistics, trend testing, and introduction to generalized linear models and extreme value theory. The primary objective of the course is for students to learn a variety of techniques that are applicable across a range of problems, irrespective of a specific discipline, involving small and large datasets. At the end of the course, students should be able to apply these techniques to their own research projects.

Prerequisite: An undergraduate degree in an environmental discipline or permission of the instructor.

Instructor: Yanping Li, PhD

Rationale: This course is designed for graduate students in SENS and other environmental discipline (e.g. environmental science, geography, water resources, environmental studies), especially for SENS students with diverse background, some of them may lack a basic stats course and/or applications in context of environmental science and in context of the problems they will be involved in during their research and thesis work. For this course, students will learn statistical data analysis, gain experience in applying common statistical methods, understand the sequential process of statistical model building and testing, and develop abilities to understand and synthesize desired information from data analyses. This statistics course begins with introductory concepts and moves through to more intermediate problems. This course will emphasize on the applications to environmental science problems.

ECON 833.3: Economic Evaluation Methods in Health Services Research

This course is designed for graduate students interested in economic evaluation methods in health services research. It provides an array of economic evaluation methods used to assess health and health care programs, policies, technologies and interventions. Its purpose is to teach economic evaluation methods as they are applied in health policy and to provide analytical background for students to understand and analyze alternative health policies, programs, and interventions. The course will cover methods of measuring health and health outcomes, various economic evaluation methods (cost effectiveness analysis, cost utility analysis and cost benefit analysis), and an overview of program evaluation methods. Prior knowledge of economics is not required. The related concepts and basic economics tools will be covered in the first week, and during the term.

Prerequisite: Permission of the Instructor.

Instructor: Nazmi Sari, PhD

Rationale: This course will be a supplementary course to the existing undergraduate and graduate health economics courses.

PSY 812: Historical and Philosophical Foundations of Psychology

Covers major historical and philosophical developments in psychological theory and research throughout the ages, including ontological and epistemological positions and their links to contemporary ideas in psychology. Philosophical aspects of psychological research are addressed from a historical perspective including an examination of the paradigms of positivism, interpretivism, and realism.

Prerequisite: Enrolled in a graduate program in Psychology.

Instructors: Mark Olver, PhD; Valery Chirkov, PhD

Rationale: The Canadian Psychological Association requires that clinical psychology graduate students demonstrate competency in the area of history and systems, whether this be through a 3 cu graduate course or an equivalent senior undergraduate course. We have not offered history and systems for several years due to a lack of faculty interest, and instead, have resorted to a number of indirect ways of meeting this requirement (e.g., pro-seminar, including historical content in graduate classes). This unfortunately is not sufficient, and about 3/4 of incoming clinical students do not have the history and systems requirement from their undergraduate program. Thus, we are now offering the course as a foundational option for all psychology graduate students; it will be required of clinical students who do not have a 3 cu senior undergraduate course in the area. Any remaining psychology graduate students may take it for their own interest. Having this course will thus enable us to better meet the accreditation standards for CPA accredited clinical psychology programs and strengthen our training program.

VSAC 875.3: Advanced Small Animal Orthopedic Principles

This course focuses on the anatomy physiology biomechanics and pathophysiology needed for understanding and treating common disorders of the bones and joints of dogs and cats

Prerequisite: Enrolled in the Small Animal Surgery Residency Program, or by instructor permission.

Instructors: Dr. Cindy Shmon, Dr. Kathleen Linn, Dr. Sherisse Sakals, Dr. Suresh Sathya, Dr. Curtis Cathcart

Rationale: Veterinary surgical residents learn a lot about diagnosis and treatment of conditions by working with animal patients both on their own and under the guidance of faculty mentors. However, heavy caseload and the many demands on their time can place a premium on efficiency in case management over deep understanding of the problems involved and rationale for treatment. Just knowing how to do a specific surgical procedure is not enough since techniques rapidly become outmoded as our knowledge expands, to be able to innovate a surgeon needs to understand the principles underlying treatment methods as well as the fine points of regional anatomy and function. Previous veterinary orthopedic courses have placed more emphasis on application of these principles rather than upon the principles themselves.

EFDT 801.3: Indigenous Lifelong and Adult Learning

This course will provide a framework for exploring lifelong adult learning within formal and informal contexts that involve Indigenous learners such as post-secondary, vocational, community, and activist educational processes. The course will investigate the history and current applicability of adult and popular methods within decolonizing and equity discourses and concurrently critically examine adult learning as historically and culturally located. Following a critical investigation of adult learning, the course draws upon Indigenous theory as an epistemic grounding of a relationally-imbued instructional approach. Students will be asked to consider Indigenous instructional strategies such as circle work, teacher as facilitator strategies and the situation of learning within one's own story.

Prerequisite: Permission of the Department is required.

Instructors: Margaret Kovach, PhD; Craig Campbell, PhD

Rationale: This proposed course is integral to the Educational Foundations Lifelong Learning course-based, blended delivery graduate cohort. The Lifelong Learning cohort builds upon a history of adult education graduate course offerings in the Department of Educational Foundations. Since its first pilot offering in 2009 with primarily Indigenous students, the Lifelong learning cohort as it currently exists was formally introduced in 2010. The Lifelong learning cohort has sought to ensure an Indigenous focus while maintaining its commitment to the larger Department of Educational Foundations mission of advancing social and ecological justice. In formally establishing the Lifelong Learning course itinerary in a manner that ensures an Indigenous presence, the advisory group of the Lifelong Learning cohort deemed it appropriate to develop and deliver an Indigenous specific adult learning course. The Indigenous lifelong learning course has been offered in the summer as a face-to-face course twice as EFDT 898 Special Topics course.

As the only Indigenous adult learning graduate course offered in the College of Education and University of Saskatchewan, this course will offer the necessary opportunity for students in the Lifelong learning cohort to focus specifically on Indigenous perspectives within adult education. This enables the Lifelong Learning cohort to maintain an explicit curricular commitment to Indigenous presence. Further, this course offers an opportunity for non-cohort graduate students to learn more of Indigenous perspectives and strategies to adult learning. Non-cohort students have taken this course in its delivery through its Special Topics designation.

Through a philosophical orientation this course offers unique attention to Indigenous theory, values and processes within an Indigenous culturally informed relational andragogy. In considering its alignment with aspect of popular education, this course provides an overview of the differing strategies, practices, models and approaches in which adult education process have inspired and concurrently shaped by Indigenous approaches to learning. From honoring the experiential to providing space for critical reflection upon the self's story, this course integrates readings, resources and guest speakers that offer insight into Indigenous knowledge sharing practices as well as models such practices in its instructional design and philosophy. The Indigenous lifelong and adult learning course considers the complexities of an Indigenous culturally mediated process approach to learning and offers opportunity to reflect upon the concessions and contradictions of such approaches within contemporary landscape of outcome orientated pedagogies. The Indigenous lifelong and adult learning course invites adult educators to consider current complexities of advancing Indigenous perspectives in adult learning This includes interrogating the competing oppressions in which the struggle for Indigenous self-determination exists. From an emancipatory learning perspective, the course will explore the vulnerabilities and transformative possibilities that arise for Indigenous adult learners in western contexts where identity intersects with course curriculum. Focal topics include the possibilities of an Indigenous embodied andragogy. In tandem, the consideration of risks that accompany Indigenous knowledges as an embodied andragogy will be explored. From an ally perspective, this course will examine what it means to be an effective ally to Indigenous people within adult learning contexts in the 21st century including how popular activist education processes have been taken-up in Indigenous contexts. Through a consistent commitment and reference to Indigenous theoretical understandings of relational accountability, this course purposes to interrogate critical questions of Indigenous-settler

relations that help to move toward a place of reconciliation. This course is delivered through on-campus seminar format. The student group will be engaged in a high level of participation, analysis and commitment toward this course. The andragogical assumption for this course is that learners bring a wealth of life knowledge into the classroom. Students will be involved and lead Indigenous approaches to sharing knowledges this course and be expected to involve themselves in culturally responsive approaches to teaching and learning.

COURSE DELETIONS

ARCH 870.6: Seminar in Bioarchaeology

Rationale for course deletion: This course is moribund and hasn't been taught in many years. We would like to delete it from our department's course offerings and then propose a new three-credit course that will be more suitable to our graduate students' needs.

MINOR PROGRAM MODIFICATIONS

Department of Soil Science Graduate Program Modifications, Course Modifications, New Course Proposals, and Course Deletions

Rationale: The Department of Soil Science is revising its graduate course offerings to provide comprehensive coverage of a suite of core competencies for our Master's students. To provide core training in three main areas (field studies, laboratory analyses, and statistical analyses), a series of 1- and 2-c.u. courses are being developed to ensure students can receive both core training and specialized training within the required 15-c.u. framework, with Master's students being required to take at least 2 c.u. in each of the three core areas.

Going forward, we anticipate that the reduced-credit format will provide improved flexibility for our faculty who wish to offer short courses in advanced areas without requiring the time commitment of a full 3-cu offering. Similarly, this may make it more feasible for our adjunct faculty to contribute to our course offerings, which will expand the breadth of our future offerings.

Current MSc	Proposed MSc
<p><u>Degree Requirements</u></p> <p>Students must maintain continuous registration in the 994 course.</p> <ul style="list-style-type: none"> • <u>GSR 960.0</u> • <u>GSR 961.0</u> if research involves human subjects • <u>GSR 962.0</u> if research involves animal subjects • a minimum 15 credit units • <u>SLSC 990.0</u> • <u>SLSC 994.0</u> 	<p><u>Degree Requirements</u></p> <p>Students must maintain continuous registration in the 994 course.</p> <ul style="list-style-type: none"> • <u>GSR 960.0</u> • <u>GSR 961.0</u> if research involves human subjects • <u>GSR 962.0</u> if research involves animal subjects • SLSC 836.2 (Field Studies of Saskatchewan Soils) • SLSC 835.2 (Physical, Chemical and

	<ul style="list-style-type: none"> Biological Characterization of Soils) SLSC 850.1 (Experimental Design in Soil Science) 1 credit unit in data analysis (univariate statistics or multivariate statistics, etc.) a minimum of 9 15 credit units of electives SLSC 990.0 SLSC 994.0
Current PhD	Proposed PhD
<p><u>Degree Requirements</u></p> <p>Students must maintain continuous registration in the 996 course.</p> <ul style="list-style-type: none"> GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves animal subjects a minimum 6 credit units SLSC 990.0 SLSC 996.0 comprehensive examination qualifying examination 	<p><u>Degree Requirements</u></p> <p>Students must maintain continuous registration in the 996 course.</p> <ul style="list-style-type: none"> GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves animal subjects SLSC 850.1 (Experimental Design in Soil Science) a minimum of 5 6 credit units of electives SLSC 990.0 SLSC 996.0 comprehensive examination qualifying examination
Current Transfer from MSc to PhD	Proposed Transfer from MSc to PhD
<p><u>Degree Requirements</u></p> <ul style="list-style-type: none"> GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves human subjects a minimum of 21 credit units SLSC 990.0 SLSC 996.0 	<p><u>Degree Requirements</u></p> <ul style="list-style-type: none"> GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves human subjects SLSC 836.2 (Field Studies of Saskatchewan Soils) SLSC 835.2 (Physical, Chemical and Biological Characterization of Soils) SLSC 850.1 (Experimental Design in Soil Science) 1 credit unit in data analysis (univariate statistics or multivariate statistics, etc.)

- a minimum of ~~1524~~ credit units
- [SLSC 990.0](#)
- [SLSC 996.0](#)

SLSC 834.32 (new course number will be SLSC 836.2): Field Studies of Saskatchewan Soils
(credit unit reduction)

Provides students with in-depth training in the classification and interpretation of the major soils of Saskatchewan. The course involves extensive field work followed by coverage of key concepts in lecture and seminars.

Rationale: The Department of Soil Science is revising its graduate course offerings to provide comprehensive coverage of a suite of core competencies for our Master's students. To provide core training in three main areas (field studies, laboratory analyses, and statistical analyses), a series of 1- and 2-c.u. courses are being developed to ensure students can receive both core training and specialized training within the required 15-c.u. framework. SLSC 834 already provided core training in field studies in a 3-c.u. format; we are condensing it from its current 6-day field trip format to a 4-day field trip to make it a 2-c.u. course. It will also become a required course for all of our new MSc students.

SLSC 835.2: Physical, Chemical and Biological Characterization of Soils (new course proposal)

This course is intended to provide students with training in laboratory analysis of selected physical, chemical, and biological properties of soils, with emphasis on those analyses used in basic site characterizations. Topics to be covered include sample handling and preparation, good laboratory practices, appropriate QA/QC for the methods used, and interpretation of the data resulting from the various analyses. Laboratory techniques will be covered through a series of modules. The samples to be analyzed include soils collected in SLSC 834 - Field Studies of Saskatchewan Soils. The course will culminate in a final report that synthesizes all of the results and interprets them in the context of the physical environment.

Prerequisite: SLSC 834.2 or permission of the instructor.

Instructors: Richard Farrell, PhD and/or Renato de Freitas, PhD and/or Jeff Schoenau, PhD

Rationale: The Department of Soil Science is revising its graduate course offerings to provide comprehensive coverage of a suite of core competencies for our Master's students. To provide core training in three main areas (field studies, laboratory analyses, and statistical analyses), a series of 1- and 2-c.u. courses are being developed to ensure students can receive both core training and specialized training within the required 15-c.u. framework. SLSC 835.2 will provide the core training in laboratory analyses needed by all M.Sc. students both in completion of their research projects and in their future careers. SLSC 803.3 previously provided some of this training but had evolved over the years to an advanced analytical techniques course (molecular techniques, synchrotron spectroscopy, etc.), leaving a gap in basic laboratory training. In this basic characterization course, students will work with soils collected in the SLSC 834.2 Field Studies of Saskatchewan Soils course, and therefore learn not just how to analyze soil properties but also how to place them in the context of their physical environment. This basic

training will be complemented by a selection of advanced 1-c.u. courses (see new course proposals) for students seeking advanced expertise in one or more techniques.

SLSC 850.1: Experimental Design in Soil Sciences (new course proposal)

This course is designed to give students training in practical aspects of research design and statistical analysis in soil science. The course will provide students with sufficient background to critically evaluate research designs and statistical analysis approaches commonly used in the soil science literature. Upon completion of the course students will be able to understand and evaluate various research and sampling designs, and justify their choice of sampling designs and statistical approaches to address specific research topics.

Instructor: Dan Pennock, PhD

Rationale: As part of the core training for our graduate students, we are providing basic training in experimental design for soil science that is not currently covered in any other statistical course. This will be a required course for all of our graduate students and will provide a foundation for further training in statistics (see course proposals for SLSC 851 and 852).

SLSC 851.1: Univariate Statistics in Soil Science (new course proposal)

This intensive two-week course is designed to give graduate students training in practical aspects of univariate statistical analytic approaches commonly used in agronomy and soil science 'small plot' experiments. The class will cover analysis of variance of a variety of experimental designs, simple linear regression and correlation analysis. The course will emphasize the understanding and application of the statistical tests covered rather than the theory behind the analyses. Upon completion of the course students will be able to perform and interpret a range of simple classical experimental designs (one-way ANOVA, two-way ANOVA, simple factorial designs, Regression and Correlation) and understand sources of variance in more complex experimental designs (split-plot, split-split plots, nested designs).

Prerequisite: SLSC 850.1 or permission of the instructor

Instructor: J. Diane Knight, PhD

Rationale: Research projects that students in the Department of Soil Science conduct are diverse and require diverse statistical approaches. This 1 credit unit course will provide instruction in 'classical' small plot research design, sampling and statistical analysis to enable students to critically read and understand the literature in this area, as well as to analyze their own data. Entering MSc students will be required to take SLSC 850.1 "Experimental Design in Soil Science", and 2 additional credit units in statistics and/or data handling. The Department of Soil Science is developing a suite of 1 credit unit statistics courses that cover the diversity of analyses that Soil Science M.Sc. students are likely to use in their research. SLSC 851.1 is one of these courses.

SLSC 852.1: Multivariate Statistics in Soil Science (New course proposal)

This intensive two-week course is designed to give graduate students training in practical aspects of multivariate statistical analytical approaches commonly used in microbial and soil science experiments. The class will cover metric and non-metric ordination analysis as well as techniques used to assess environmental gradients or treatment effects in a multivariate context. Non-ordination based approaches such as Procrustes or Network analysis will also be

discussed. Upon completion of the course students will be able to perform and interpret a range of multivariate statistical analyses using the 'R' statistics package.

Prerequisite: SLSC 850.1 or permission of the instructor

Instructor: Steven Siciliano, PhD

Rationale: Research projects that students in the Department of Soil Science conduct are diverse and require diverse statistical approaches. This 1 credit unit course will provide instruction in multivariate research design, sampling and statistical analysis to enable students to critically read and understand the literature in this area, as well as to analyze their own data. Entering MSc students will be required to take SLSC 850.1 "Experimental Design in Soil Science", and 2 additional credit units in statistics and/or data handling. The Department of Soil Science is developing a suite of 1 credit unit statistics courses that cover the diversity of analyses that Soil Science M.Sc. students are likely to use in their research. SLSC 852.1, is one of these courses.

SLSC 820.1: Agricultural Soil Management Practices in Saskatchewan (new course proposal)

This course provides MSc students in agricultural sciences with an understanding of the scientific principles underlying current and emerging soil management practices on the Canadian Prairies. Students will become knowledgeable in beneficial crop rotation, tillage, fertilization, herbicide management approaches suitable for western Canadian agriculture. The development of recommended best soil management practices based on scientific research and development is emphasized, using examples from recent research work conducted on the prairies. Agronomic, economic and environmental implications of various management approaches are discussed. Upon completion of this class, students should be familiar with soil management techniques used on the Canadian prairies and the underlying basis for their adoption and use.

Learning is achieved by instructor-led lecture and discussion on the major topics as well as experiential learning through a field trip to a commercial/research farm. The field trip experience will constitute the laboratory portion of the class and will involve each student writing a critique of a specific management practice that is being employed or researched at the farm and making a presentation to the rest of the class.

Prerequisite: Enrolment in a graduate program.

Instructor: Jeff Schoenau, PhD

Rationale: This course will familiarize students with current and emerging soil management practices employed in prairie agriculture. Such background is needed to prepare graduate students from the Soil Science program for careers in production agriculture on the prairies. This will be especially valuable for those not from the prairies or not from an agricultural background. Coverage of scientific principles of crop rotation, fertilization, tillage, and pest control management using examples of recent and on-going research covered in lecture and in lab/field trip will provide students with improved comprehension of agricultural soil science.

SLSC 822.1: Plant Root Systems: Sampling and Measurement (new course proposal)

Examines the anatomy and morphology of plant root systems and the different techniques available for measuring root systems. Half day field trip is required to collect root samples to examine root parameters and to analyze root distributions. Field fee required.

Instructor: Ken Van Rees, PhD

Rationale: Graduate program is moving towards more 1 CU courses to provide students with a greater breadth of field and laboratory experiences.

SLSC 823.1: Synchrotron-based Spectroscopy of Soils (new course proposal)

This is a hands-on graduate level course in the application of x-ray fluorescence and absorption spectroscopic techniques to study soil chemical processes. Students will design a synchrotron-based speciation experiment to take place at the Canadian Light Source, analyze their results, and present their findings.

Prerequisite: Enrolment in Soil Science graduate program or permission of the instructor.

Instructor: Derek Peak, PhD

Rationale: This material was successfully offered as a module in 2013-14 for SLSC 803.3. It was very well received by the students and presents a unique opportunity to take advantage of Canada's only synchrotron being located on the U of S campus.

SLSC 824.1: Tree Ring Systems: Sampling and Measurement (new course proposal)

This course will look into the field of dendrochronology at an introductory level. It examines the realms of collecting increment cores in the field, to processing the same cores in the laboratory to better understand the environmental history of the tree as it grew in the forest. Field fee required.

Instructor: Colin Laroque, PhD

Rationale: Graduate program is moving towards more 1 CU courses to provide students with a greater breadth of field and laboratory experiences.

SLSC 845.1: Soil Ecology (new course proposal)

The interactions of soil organisms (bacteria, protists, fungi, nematodes, mites, other invertebrates) are responsible for decomposition of organic matter for plant nutrition. The course explores these food web interactions and their response to above-ground land-use. Changes to soil community structure affect ecosystem function and how ecosystems respond to environmental changes.

Prerequisite: Permission of the instructor.

Instructor: Sina Adl, PhD

Rationale: The Department of Soil Sciences is revising its graduate course offerings to provide comprehensive coverage of a suite of core competencies for our graduate students. These core courses will be supported by a range of electives to provide advanced instruction in fields of specializations. Soil ecology is one of the specializations that will be available to graduate students.

SLSC 803.3: Research Approaches in Soil Element Biogeochemistry (Course deletion)

Rationale for course deletion: This course is being replaced by SLSC 835.2 and a suite of 1-cu courses (see attached course proposals). In its original form, SLSC 803.3 was meant to introduce students to a range of soil laboratory techniques, but it had evolved to where the modules were more focused on advanced analytical techniques and students were no longer being introduced to many of the more basic soil characterization techniques. The new analytical

course will introduce students to the basics and students can then choose advanced modules specific to their research area or interests.

SLSC 812.3: Plant Root System and Nutrient Uptake (Course deletion)

Rationale for course deletion: This course is being replaced by two proposed courses (SLSC 822.1 and, to a lesser extent, SLSC 824.1). The short-course format will allow students to gain specific expertise to complement the broader training they will receive in SLSC 835.2.

SLSC 843.3: Soil Nitrogen in the Environment (Course deletion)

Rationale for course deletion: Since the introduction of SLSC 816.3 (Soil Organic Matters), there has been overlap between SLSC 843 and 816 with regards to soil organic nitrogen, an important and growing area of new research. Furthermore, the introduction of SLSC 820.1, which will include coverage of nitrogen fertility management, adds to the redundancy. Therefore, we are proposing the deletion of SLSC 843 to reduce the overlap among our existing and new offerings. The course description for SLSC 816.3 has been revised to specifically reflect its coverage of organic nitrogen.

Master of Education, Educational Psychology and Special Education, School and Counseling Psychology minor program modification with 3 credit unit reduction

Rationale: In order to: (1) decrease the overall course credits students are required to complete in their program of study; and (2) increase the flexibility of course selection for students (i.e., increase the course offerings they are able to access across terms and across campus to complete program requirements; and take advantage of new research methodology courses being offered across campus, such as Cross Cultural or Indigenous Research Methodology), we are proposing to make the following minor program changes to our Master of Education degree in School and Counselling Psychology:

<p>Current Required Courses (12 Required Courses; 36 Credit Units)</p>	<p>Proposed Requirement (11 Required Courses; 33 Credit Units)</p>
<p>ERES 800.3: Introduction to Research Methods</p>	<p>Two 3-credit unit courses at the 800-level in Research Methodology, chosen in consultation with the EPSE department (i.e., Graduate Chair).</p>
<p>ERES 840.3: Statistical Methods Intermediate <u>OR</u> ERES 841.3: Statistical Methods Advanced <u>OR</u> ERES 845.3: Qualitative Research Methods</p>	<p>Courses could include: ERES 840.3, ERES 841.3, ERES 845.3, ERES 810.3, ERES 844.3, ERES 809.3 and/or other courses as approved by the EPSE department</p>

SCP 810.3: Ethics in Counselling and School Psychology	SCP 810.3
SCP 811.3: Psychopathology Assessing Developmental Risk	SCP 811.3
SCP 812.3: Assessment of Intelligence and Cognitive Abilities	SCP 812.3
SCP 813.3: Academic Achievement and Language Assessment and Intervention	SCP 813.3
SCP 814.3: Individual Interventions	SCP 814.3
SCP 815.3: Family Interventions	SCP 815.3
SCP 816.3: Group Interventions in Schools and Communities	SCP 816.3
SCP 817.3: Career and Transition Planning	SCP 817.3
SCP 818.3: Practicum I	SCP 818.3
SCP 819.3: Practicum II	SCP 819.3
SCP 994.0: Thesis	SCP 994.0
SCP 990.0: Professional Identity Seminar	SCP 990.0
SCP 991.0: Professional Practice Seminar	SCP 991.0
GSR 960.0: Introduction to Ethics & Integrity	GSR 960.0
GSR 961.0: Ethics & Integrity in Human Research	GSR 961.0
Potential Elective Courses If Needed:	Potential Elective Courses If Needed:
EPSE 821.3: Biological Basis of Behaviour	EPSE 821: Biological Basis of Behaviour
	SCP 815: Family Interventions

Master of Science in Kinesiology minor program modification

Rationale: Inconsistency between the approved University of Saskatchewan, M.Sc. in Kinesiology program requirements [as stated in the university calendar] and other prior approved calendar requirements.

Currently, 9 credit units of KIN 800 level courses are required in the University of Saskatchewan Program description for the M.Sc. in Kinesiology. This requirement has continued despite other calendar changes that have since been approved, i.e., changes in the credit unit requirement of the research course (KIN 801.6 becoming KIN 807.3 and 808.3 in 2003) and despite changes in the total number of credit units required for the M.Sc. KIN degree (18 c.u. was changed to 12 c.u. for the 2005-2006 calendar year).

This request to update the calendar description for the M.Sc. in Kinesiology is to bring the calendar description in line with current advising practices and ensure that the program is accurately represented.

Degree Requirements

Students must maintain continuous registration in the 994 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animals subjects
- a minimum of 12 credit units, ~~at least 9 of which must be at the 800-level within the College of Kinesiology~~ including:
 - [KIN 990.0](#)
 - [KIN 994.0](#)
 - [KIN 807.3](#)
 - KIN 808.3 (or another class in data analysis approved by supervisor and advisory committee)
 - An additional 6 credit units, either from the College of Kinesiology or another College, related to area of study and approved by supervisor and advisory committee
- residency requirement of ~~two four-month terms 12-24 months depending upon prior research experience.~~

Master of Arts in Political Studies minor program modification

Rationale: The Department is seeking to make modifications to one of its core requirements in the Graduate Program, POLS 815 Research Methods. This modification is requested for the following reasons:

- 1) Equivalents to this course are available in other units within the University. Johnson Shoyama Graduate School (JSGS) of Public Policy and other Departments, such as Sociology, offer courses that are equivalent. While POLS 815 covers both quantitative and qualitative research methods, JSGS courses, for example, focus on either quantitative or qualitative methods. Having the option to avail themselves of the JSGS offerings will enable students to take that course which better suits their research needs and their areas of specialization.
- 2) This change will also broaden the course options available to students in our Department.
- 3) Several of our students already take the JSGS courses (either quantitative or qualitative).
- 4) Our students have the necessary background to take the Research Methods courses offered by other Departments.

Degree Requirements

Students must maintain continuous registration in the 994 course. Course offerings will vary from year to year, depending upon student demand and faculty ~~availability~~ availability.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- A minimum of 12 credit units including:
 - [POLS 815.3](#) or any other graduate level methodology or statistics course approved by the Grad Chair of the Department of Political Studies
 - [POLS 819.3](#)
 - Six additional credit units, as chosen with the approval of the Advisory Committee.
 - [POLS 990.0](#)
 - [POLS 994.0](#)

Master of Science in Plant Science minor program modification

Rationale: The formal oral Qualifying Exam given by an Examining Committee comprised of faculty members of the Graduate Student Committee has been replaced with a less formal entrance interview with faculty members who make up the student's program Advisory Committee.

Degree Requirements

Students must maintain continuous registration in the 994 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- a minimum 9 credit units at the 800-level
- [PLSC 990.0](#)
- [PLSC 994.0](#)
- ~~qualifying examination~~
- thesis examination

DIRECT ENTRY PHD ADMISSION OPTION

Nursing

Direct Entry PhD

Admission Requirements:

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- A four-year bachelor of science in Nursing degree, or equivalent, in a relevant field of study.
- Current registration as a nurse or psychiatric nurse in a Canadian province or territory.

- The equivalent of 3 credit units in each of statistics and research methods at the undergraduate level.
- A cumulative weighted average of at least 80% in the last two years of undergraduate study (i.e. 60 credit units of course work).
- Demonstrated ability for independent thought, advanced study, and independent research.
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements:

Students must maintain continuous registration in the 996 course.

- At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master's thesis in the program area.
- GSR 960
- GSR 961 if research involves human subjects
- GSR 962 if research involves animal subjects
- A minimum of 33 credit units at the 800-level
- NURS 882
- NURS 891
- NURS 892
- 3 c.u. elective NURS 812, NURS 813, NURS 814, NURS 815, NURS 816, or NURS 893
- 3 credit units in statistics
- 3 credit units in advanced statistics
- 6 credit units (2 courses) in a cognate area
- NURS 895
- NURS 896
- NURS 897
- NURS 997
- NURS 990
- NURS 996
- Pass a comprehensive examination, after completing the required course work, and prior to focusing on the research and doctoral thesis.
- Write and successfully defend a thesis based on original investigation.

Community and Population Health Sciences

Direct Entry PhD

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study

- A cumulative weighted average of at least 80% (U of S grade system equivalent) in the last two years of undergraduate study (i.e. 60 credit units of course work)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master's thesis in the program area.
- GSR 960
- GSR 961 if research involves human subjects
- GSR 962 if research involves animal subjects
- A minimum of 21 credit units
- CHEP 800
- CHEP 802
- CHEP 813
- CHEP 811
- CHEP 805 or ERES 845 or NURS 893 or PSY 809
- CHEP 812
- CHEP 806
- CHEP 990
- CHEP 996
- comprehensive examination
- Write and successfully defend a thesis based on original investigation.

Large Animal Clinical Sciences

Direct Entry PhD

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- a cumulative weighted average of at least 80% (U of S grade system equivalent) in the last two years of undergraduate study (i.e. 60 credit units of course work)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

Students must maintain continuous registration in the 996 course.

- At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master's thesis in the program area.
- GSR 960
- GSR 961 if research involves human subjects
- GSR 962 if research involves animal subjects
- A minimum of 21 credit units
- VLAC 990
- VLAC 996
- a comprehensive examination
- Write and successfully defend a thesis based on original investigation.

Pharmacology

Direct Entry PhD

Admission Requirements

With the recommendation of the unit, direct entry Ph.D. admission is available to exceptionally strong students, who show great promise in terms of academic accomplishments and potential for research.

- a four-year honours degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study
- A cumulative weighted average of at least 80% (U of S grade system equivalent) in the last two years of undergraduate study (i.e. 60 credit units of course work)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information.

Degree Requirements

Students must maintain continuous registration in the 996 course.

- At least 9 credit units of course work at the graduate level must be successfully completed in the first year of the program.
- Within the first year of the program, successfully complete a Ph.D. Qualifying Examination that is at least as rigorous as the defence for a Master's thesis in the program area.
- GSR 960
- GSR 961 if research involves human subjects
- GSR 962 if research involves animal subjects
- A minimum of 12 credit units at the 800-level
- PCOL 990
- PCOL 996

- a comprehensive examination
- Write and successfully defend a thesis based on original investigation.

College of Kinesiology:

The pedagogy group in the College of Kinesiology is recommending that **KIN 146** be required for all prospective College of Education students in the elementary and middle years streams. This course has been reviewed and approved by UPC. A course syllabus follows the background information.

Background Information:

Students applying to the College of Education in the Elementary (K- 5) or Middle Years programs (6 – 9) are required to take a 3 cu theory course (KIN 121.3 or KIN 122.3) prior to admission to the College of Education, and may take a 1.5 cu elective ECUR physical education curriculum methods course (while in the College of Education).

Over the years faculty members in the College of Kinesiology have heard from many sources (students, instructors and administrators in the College of Education, the Indigenous Teacher Education Program (ITEP) and the Saskatchewan Urban Native Teacher Education Program (SUNTEP) and teachers and instructors of ECUR physical education curriculum methods courses) that while the current theory component (KIN 121 or KIN 122) can be an excellent introduction to many aspects of Kinesiology, these courses do not offer prospective Education students the foundational knowledge needed to offer quality physical activity and physical education experiences for elementary and middle years children.

As such, the pedagogy group is recommending that we offer a course for prospective teachers that would meet those knowledge needs and fulfill the 3 cu required theory course requirements. The proposed course would be KIN 146 and would be similar in content to the course that was offered from 1995 – 2002 for exactly this purpose. KIN 146 would only be offered to prospective College of Education students. Kinesiology students will not be permitted to take this course for credit. We will work with Arts and Science to ensure that students heading to Health Science Programs know that KIN 146 cannot be taken for credit.

KIN 146 was developed in consultation with instructors of KIN 121, KIN 122, KIN 240 KIN 341, and College of Education faculty who teach ECUR physical education classes. In addition, KIN 146 was presented to UPC and suggested revisions were made to some of the content areas.

KIN 146 will be taught by an instructor appointed by the College of Kinesiology. The instructor will have experience in school based physical education and physical activity opportunities. An anticipated resource implication of offering KIN 146 is a reduction in the enrollment in KIN 121 and KIN 122. As a result the College will offer fewer sections of KIN 121 (and labs) and KIN 122. It is anticipated this will result in a cost neutral situation as the revenue from offering less sections of KIN 121 and KIN 122 will allow the College to hire a sessional instructor to teach KIN 146.

University of Saskatchewan
College of Kinesiology
KIN 146.3
Physical Activity and School Aged Children and Youth

Date:

Instructor:

Office:

Office Hours:

Phone:

Email: (please indicate the length of time it will take you to respond)

Name and contact information of Teaching Assistant:

Pre-Requisite:

Intended Audience:

Prospective College of Education students preparing to enter the elementary or middle years programs.

Course Description :

This course will offer prospective College of Education students opportunities to increase their understanding of the role physical activity plays in the health and wellbeing of school aged children and youth.

Course Outcomes: (Students should be able to)

1. Articulate the benefits of a physically active lifestyle for school aged children and youth.
2. Understand the role of physical education and health in the school experience of children and youth.
3. Understand relevant psychological and social theories related to physical activity.
4. Examine the concept of physical literacy and design learning experiences to enhance physical literacy.
5. Understand teaching and learning in a physical education setting.

Course Readings:

Required Text:

Pangrazi, R. & Gibbons, S. (2011) Dynamic Physical Education for Elementary School Children, Third Canadian Edition. Toronto: Pearson

Resources will be used from the following websites:

Active Healthy Kids Canada	activehealthykids.ca
Active Living Research	activelivingresearch.org
Action Schools BC	actionschoolsbc.ca
Ever Active Schools	everactive.org
Long Term Athlete Development	canadiansportforlife.ca
Physical and Health Education Canada	phe.canada.ca
Physical Literacy Assessment for Youth	play.phyiscalliteracy.ca
Saskatchewan in motion	Saskatchewaninmotion.ca

Academic Conduct:

Honesty and integrity are expected of every student in class participation, examinations, assignments, patient care and other academic work. Every student must perform his or her own work unless specifically instructed otherwise. Students are encouraged to review the Guidelines for Academic conduct at the University of Saskatchewan.

http://www.usask.ca/university_council/reports/archives/guide_conduct.shtml

Accommodations for Students with Disabilities:

Students who have disabilities (learning, medical, physical, or mental health) are strongly encouraged to register with Disability Services for Students (DSS) if they have not already done so. Students who suspect they may have disabilities should contact DSS for advice and referrals. In order to access DSS programs and supports, students must follow DSS policy and procedures. For more information, check <http://www.students.usask.ca/disability/>, or contact DSS at 966-7273 or dss@usask.ca

Evaluation Procedures:

Examinations:	50%
Midterm	20%
Final	30%

Experiential Learning: 30%

Labs (Fitness Assessment, Physical Literacy Assessment)

Understanding physical activity in children and youth (interview, observation)

Personal physical activity plan

Critical Thinking and Application: 20%

Policy review

Program review

Resource review

Midterm and final examinations must be written on the date scheduled.

Final examinations may be scheduled at any time during the examination period (INSERT FIRST AND LAST DAY OF CURRENT EXAM PERIOD); students should therefore avoid making prior travel, employment, or other commitments for this period. If a student is unable to write an exam through no fault of his or her own for medical or other valid documentation must be provided and an opportunity to write the missed exam may be given. Students are encouraged to review all examination policies and procedures:

<http://www.usask.ca/calendar/exams&grades/examregs/>

Class Outline

Description of topic, dates that topic will be addressed and necessary readings

Introduction: (6 classes)

- Definition of terms (physical activity, sport, physical education, physical literacy, Long Term Athlete Development, QDPE, intramurals, DPA etc)
- The relationship between physical activity and physical education
- Physical activity and the effect on the health and learning of school aged children
- Current stats: Physical activity in Canadian and Saskatchewan children
- Determinants of health: Active Healthy Kids Report Cards
- Health Promoting Schools: The role of schools in promoting physical activity and affecting the health of children and youth
- Physical education: The goals, objectives, of current physical education curricula
- Quality Daily Physical Education (QDPE)

Research on the Health and Physical Activity of Canadian Youth: (2 classes)

- The health of Canadian Youth
- Active Healthy Kids Reports
- Barriers and Facilitators to activity in children and youth

Wellness: (3 classes)

- Health vs. Wellness
- Wellness for children and youth
- Barriers and facilitators to wellness
- The Medicine Wheel and the Wellness Wheel

Physical Fitness: (3 classes)

- Definition
- Physiology
- Components
- FITT principle
- Prescription
- Assessment

Healthy Body Weight: (2 classes)

- Definition of terms
- Achieving healthy body weights
- Disordered eating
- Body Image
- Myths and Realities
- Interventions (e.g. CATCH, MEND)

Growth and Development: (2 classes)

- Definition of terms
- Important stages
- Physical, cognitive, and affective development in school aged children (Stages and Characteristics.)
- Factors that impact growth and development

Teaching and Learning: (6 classes)

- What is learning?
- Establishing an Environment for Learning
- Risk Management in a Physical Education setting
- Relationships: The Helison Model
- Stages of learning
- LTAD
- Requirements of learning a motor skill
- Skill classification

Selected theories that could impact work with children and youth: (3 classes)

- Pygmalion Theory (self-fulfilling prophecy)
- Self Determination Theory
- Behaviour change models
- Ecological models

School Youth Sport: (3 classes)

- The role of school and community sport in the education of children and youth
- What is competition?
- The role of competition in school and community sports vs participation (team selection, playing time etc)
- Coach, Teacher and Parent Influence
- Ideal school sport and physical activity settings for children and youth

Inclusion: How do we involve children of all skills, cultures, backgrounds?: (3 classes)

- Equity vs. Equality
- Gender roles and expectations
- Including students of all orientations
- Physical activity for children with disabilities
- Cultural Responsiveness

Becoming a Professional: (2 classes)

- The role of professional associations (SPEA, PHE Canada, Sask Sport, SPRA, STF)
- Lifelong learning
- Saskatchewan in motion

APPROVED – FACULTY MEETING OCTOBER 30, 2014

College of Nursing:

Adding equivalent course options to the B.S.N.

Bachelor of Science in Nursing (B.S.N.)

[Nursing Year 2 \(36 credit units\)](#)

[Term 1 \(15 credit units\)](#)

- [PHAR 250.3](#)
- [PHSI 208.6](#) (over term 1 and 2)
- [NURS 200.3](#)
- [NURS 202.3](#)
- [NURS 204.3](#)
- Please note: Students who have taken other courses that meet the requirement for PHAR 250 must have a minimum weighted average of 60% and the course(s) must be less than five years old from the time of admission.
- **Please note: The PHAR 250.3 requirement can be met by the following course combination: PHPY 304+PHPY 305.**

[Term 2 \(15 credit units\)](#)

- [MCIM 223.3](#)
- [PHSI 208.6](#) (over term 1 and 2)
- [NURS 201.3](#)
- [NURS 203.3](#)
- [NURS 205.3](#)
- Please note: Students who have taken other courses that meet the requirements for MCIM 223 and PHSI 208 must have a minimum weighted average of 60% and the course(s) must be less than 10 years old from the time of admission.
- Please note: The [PHSI 208.6](#) requirement can be met by the following course or course combinations: [PHSI 208.6](#); [HSC 208.6](#); [PHPY 302.3](#) and [PHPY 303.3](#); [BIOL 317.3](#) and [BIOL 318.3](#) ; or nine credit units in [ACB 221.3](#) + [KIN 225.3](#) + [KIN 226.3](#); [BIOL 224.3/BMSC 224.3](#) + [PHPY 302.3](#) + [ACB 221.3](#); [BIOL 224.3/BMSC 224.3](#) + [PHPY 303.3](#) + [ACB 221.3](#); [BIOL 224.3/BMSC 224.3](#) + [PHPY 303.3](#) + [ACB 310.3](#); [BIOL 224.3/BMSC 224.3](#) + [PHPY 302.3](#) + [ACB 310.3](#).
- **Please note: The MCIM 223.3 requirement can be met by the following courses: MCIM 224; MICR 214; BMSC 210**

Rationale: We wish to include these equivalencies in the course catalogue so that students are aware of what equivalent courses can be used to meet these requirements. Prospective students can therefore take the equivalencies prior to coming into the Nursing program. Or students in the Nursing program have alternate options that may better meet their scheduling needs. We note the PHSI 208 equivalencies, so we would also like to note the PHAR 250 and MCIM 223 equivalencies.