



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: February, 2018

The following types of curricular and program changes are approved by the University Course Challenge -- additions and deletions of courses, lower levels of study and program options; straightforward program changes; and curricular changes which affect other colleges.

Contents include submissions for information and approval from the following colleges:

College of Agriculture & Bioresources
College of Arts & Science
College of Engineering
College of Graduate & Postdoctoral Studies
College of Nursing
College of Pharmacy & Nutrition

Approval: Date of circulation: February 14, 2018
 Date of effective approval if no challenge received: March 1, 2018

Next scheduled posting:

The next scheduled posting will be March 15, 2018, with a submission deadline of **March 13, 2018**. Urgent items can be posted on request.

Please direct challenges to both of the following: seanine.warrington@usask.ca in Registrarial Services and amanda.storey@usask.ca in the Office of the University Secretary.

College of Agriculture and Bioresources, Submission to February 2018 University Course Challenge

The following was approved by the College of Agriculture & Bioresources Undergraduate Affairs Committee on October 26, 2017 and is being submitted to University Course Challenge for approval:

Course Deletion

EVSC 371.3 — 2(1.5L-3P)

Environmental Data Analysis

Environmental management involves a range of data analysis and interpretation skills. Lectures and practical experiences in this course will give students experience in the use of soil and related natural resource information; in statistical and graphical summaries of field and laboratory data; and in interpolation of point data using geostatistical techniques and related spatial statistics.

Prerequisite(s): EVSC 210, EVSC 203, PLSC 214, and one of MATH 104 or MATH 110, or permission of the instructor

Note: Students with credit for EVSC 471 may not take this course for credit.

Rationale: This course has not been offered for some years, and the Soil Science department does not plan to offer it in the future.

Correction to November, 2017 University Course Challenge:

Although the original rationale stated that AREC 395 was to be removed from the following list, the illustration of the change proposal incorrectly indicated removal of AREC 495 instead. The program has been corrected as follows:

Minor in Agribusiness Entrepreneurship

Minor Requirements

- AREC 230.3
- ~~AREC 395.3~~
- AREC 495.3
- PHIL 140.3
- One of: RCM 400.3, RCM 401.3, RCM 402.3, RCM 404.3, RCM 406.3, RCM 407.3, RCM 408.3, RCM 409.3, RCM 410.3, or RCM 495.3

Choose 6 credit units from the following:

- AREC 346.3
- AREC 347.3
- RCM 400.3
- RCM 401.3
- RCM 402.3
- RCM 404.3
- RCM 406.3
- RCM 407.3
- RCM 408.3
- RCM 409.3
- RCM 410.3
- RCM 495.3

University Course Challenge – February 2018

The curricular revisions listed below were approved through the Arts & Science College Course and Program Challenge, and by the relevant college-level Academic Programs Committee, and are now submitted to the University Course Challenge for approval.

Contact: Alexis Dahl (alexis.dahl@usask.ca)

Drama

Course deletion(s):

DRAM 105.0 Aboriginal Theatre Program Mentored Learning I

DRAM 205.0 Aboriginal Theatre Program Mentored Learning II

DRAM 310.3 Practicum II Capstone Course in Public Performance

Rationale: These courses have been removed from the wîcêhtowin Theatre program, and therefore are no longer needed.

Philosophy

Minor program revisions

Bachelor of Arts Honours, Double Honours, and Four-year in Philosophy

Add PHIL 216.3 (History of Analytic Philosophy) as an option in the history of philosophy list in requirement A6.

[Bachelor of Arts Four-year \(B.A. Four-year\) - Philosophy](#) [A6 Major Requirement \(30 credit units\)](#)

Of the total credit units required, at least 12 credit units must be at the 300-level or higher.

- [PHIL 206.3](#)
- [PHIL 233.3](#)
- [PHIL 241.3](#)

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

- [PHIL 251.3](#)
- [PHIL 281.3](#)
- [PHIL 285.3](#)
- [PHIL 292.3](#)

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

- [PHIL 208.3](#)
- [PHIL 209.3](#)
- [PHIL 216.3](#)
- [PHIL 218.3](#)
- [PHIL 314.3](#)
- [PHIL 319.3](#)

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

- [PHIL 262.3](#)

- [PHIL 271.3](#)
- [PHIL 333.3](#)
- [PHIL 362.3](#)
- [PHIL 433.3](#)

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

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

Bachelor of Arts Honours (B.A. Honours) - Philosophy
A6 Major Requirement (42 to 54 credit units)

Of the total 42 to 54 credit units Philosophy required, at least 18 credit units must be at the 300-level or higher, of which at least 3 credit units must be at the 400-level.

- [PHIL 206.3](#)
- [PHIL 233.3](#)
- [PHIL 241.3](#)

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

- [PHIL 251.3](#)
- [PHIL 281.3](#)
- [PHIL 285.3](#)
- [PHIL 292.3](#)

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

- [PHIL 208.3](#)
- [PHIL 209.3](#)
- [PHIL 216.3](#)
- [PHIL 218.3](#)
- [PHIL 314.3](#)
- [PHIL 319.3](#)

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

- [PHIL 262.3](#)
- [PHIL 271.3](#)
- [PHIL 333.3](#)
- [PHIL 362.3](#)
- [PHIL 433.3](#)

Choose **24-36 credit units** from the following:

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

Students considering graduate work in philosophy are strongly urged to plan their programs with a faculty advisor.

Bachelor of Arts Double Honours - Philosophy - Major 1
A6 Major Requirement (30 credit units)

Of the total credit units required no more than 6 credit units may be at the 100-level, at least 12 credit units must be at the 300-level or higher.

- [PHIL 206.3](#)
- [PHIL 233.3](#)
- [PHIL 241.3](#)

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

- [PHIL 251.3](#)
- [PHIL 281.3](#)
- [PHIL 285.3](#)
- [PHIL 292.3](#)

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

- [PHIL 208.3](#)
- [PHIL 209.3](#)
- [PHIL 216.3](#)
- [PHIL 218.3](#)
- [PHIL 314.3](#)
- [PHIL 319.3](#)

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

- [PHIL 262.3](#)
- [PHIL 271.3](#)
- [PHIL 333.3](#)
- [PHIL 362.3](#)
- [PHIL 433.3](#)

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

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

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

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

- [PHIL 206.3](#)
- [PHIL 233.3](#)
- [PHIL 241.3](#)

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

- [PHIL 251.3](#)

- [PHIL 281.3](#)
- [PHIL 285.3](#)
- [PHIL 292.3](#)

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

- [PHIL 208.3](#)
- [PHIL 209.3](#)
- [PHIL 216.3](#)
- [PHIL 218.3](#)
- [PHIL 314.3](#)
- [PHIL 319.3](#)

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

- [PHIL 262.3](#)
- [PHIL 271.3](#)
- [PHIL 333.3](#)
- [PHIL 362.3](#)
- [PHIL 433.3](#)

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

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

Of the total credit units required no more than 6 credit units may be at the 100-level, and at least 12 credit units must be at the 300-level or higher.

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

Rationale: The course covers an important period in the history of contemporary philosophy which we have not previously offered at the 200 level. Addition of this course to the history options offers students greater flexibility in fulfilling their requirements while maintaining academic discipline standards.

Political Studies

New course(s):

POLS 263.3 – The Politics of International Law

1/2 (3L) In the absence of a “world government”, the international system is often characterized as anarchic. However, despite there being no overarching authority, international actors have developed international organizations, laws, and norms to provide rules and structures to manage transnational relations and contribute to the solutions for problems of global scope. While some view international organizations and law as simply a means by which powerful states pursue their own interests, others argue that international law has power beyond politics and can rein in self-interest and provide the means and methods for cooperation, coordination, and respect for human rights. This course introduces students to the history, design, and contemporary operations of some of the legal structures underpinning international relations, such as the United Nations, the International Court of Justice, and the International Criminal Court, and explores how politics and law interact in shaping contemporary international relations and the lives of individuals globally.

Prerequisite(s): Any two of IS 110, POLS 111, POLS 112; or 18 credit units at the university level including at least 3 credit units of ANTH, ENG, HIST, INDG, IS, POLS, RLST, SOC, or WGST.

Instructor(s): Kirsten Fisher, Kalowatie Deondandan

Rationale: The Department of Political Studies is committed to the College of Arts and Science's mission to promote internationalization throughout the university. We are developing this course both to advance this goal and to provide students with an educational opportunity in a key area within the political science discipline. The proposed course explores the international organizations, laws, and norms that have been developed to help provide rules and structures to manage transnational relations and to contribute to the solutions for problems of global scope, as well as the global politics that led to their creation and sometimes frustrate their realization and operations. With this course, we will build on our strengths in the targeted area of governance in a global era while drawing upon expanded departmental expertise in the area of Global Governance.

POLS 302.3 – The Politics and Law of Work and Employment

1/2 (3L) After exploring the broad understanding of 'work' and the political questions surrounding the social reproduction of work, this course will investigate unique legal definition of 'employment' as a strict legal relationship between those who sell their labour for a wage and those who purchase that labour in order to create additional value through profit. In Canada, the employment relationship has been regulated through numerous legal regimes, each of which will be described and discussed throughout the class. This course will provide the student with a thorough understanding of both the individual and collective nature of Canada's employment regimes, while also developing a richer understanding of the politics of work.

Prerequisite(s): 12 credit units of POLS and/or IS; or 36 credit units at the university level, including at least 6 credit units of ANTH, ENG, HIST, INDG, IS, POLS, RLST, SOC, or WGST.

Instructor(s): Charles Smith

Rationale: The proposed course fits within the curriculum framework of the department and offers very enriching learning opportunities for our students. Further, the political studies department should refrain from offering the same third year level courses two or three years in a row. This new course expands the course catalogue offering and will allow STM to rotate its third year political studies courses more frequently thereby providing more diversified course offerings for political studies students.

POLS 327.3 – Political Marketing

1/2 (3L) Political marketing is a sub-field of political science that applies concepts from business marketing literature to the study of politics. It explores the use of marketing techniques by political parties to win elections, governments to 'sell' their policies to citizens, and social movements to sway public opinion in their favour and lobby decision-makers. In this course, students will learn the basic concepts of political marketing and apply these concepts to examples from Canada and around the world.

Prerequisite(s): 12 credit units of POLS and/or IS; or 36 credit units at the university level, including at least 6 credit units of ANTH, ENG, HIST, INDG, IS, POLS, RLST, SOC, or WGST.

Instructor(s): David McGrane

Rationale: The proposed course fits within the curriculum framework and offers an enriching learning opportunities for our students. Further, the addition of this course to the course catalogue will allow STM to rotate its third year political studies courses more frequently thereby providing more diversified course offerings for political studies students.

Political marketing is a sub-field that has been growing in popularity at political science conferences in Canada and abroad. It has advanced to the point where it has its own journal, several textbooks are devoted to the subject, and large numbers of academic books and articles have been written. One of the main arguments of political marketing literature is that marketing is now a fundamental part of governing. As such, while the course will look at how political parties use political marketing to win elections, it will also be concerned with governments to 'sell' their policies to citizens and how social movements use political marketing to sway public opinion in their favour and to lobby decision-makers. As a sub-field, political marketing holds that the democratic decisions that we make are now increasingly affected by marketing strategies as political actors apply practices that were formerly confined to the business world to the political world. In short, this course will examine how marketing has become a critical part of how societies democratically govern themselves. In this sense, it will connect well with the various other political studies classes that discuss topics such as public policy, political parties, social movements, and democratic theory.

Since the 2011 Canadian federal election, Dr. McGrane has developed an expertise in the political marketing of political parties. He is currently working on a book entitled "Moderation and Modernization:

The Political Marketing of Canada's New Democratic Party" that will be published by University of British Columbia Press.

Physics

New course(s):

PHYS 472.3 – Particle Accelerator Physics and Synchrotron Radiation

1 (3L-12P (2 weeks)-1T) There are over 30,000 particle accelerators in use worldwide in research, industry and medicine. An introduction to the physics and engineering of accelerators will be giving with an emphasis on synchrotron light sources. Topics include electron optics, electromagnets, Special Relativity, Radio Frequency waves and synchrotron radiation. Laboratory classes will also be conducted including computer labs and electron accelerator labs at the Canadian Light Source.

Prerequisite(s): EP 253 and PHYS 356

Note: Students are required to attend the afterhours laboratory classes at the CLS and complete an online safety induction to satisfactorily complete this course.

Instructor(s): Mark Boland

Rationale: Historically the physics department has been strong in accelerator physics and in the past has built and operated the accelerators that are still at the CLS but which were built in the time of SAL. A need has been identified to have a dedicated course for accelerator physics to rebuild a solid connection with the CLS and the Department of Physics and Engineering Physics. Many scientists are users of accelerators but few get the required course work to better understand and use accelerators for their research. The proposed course is of great interest for users of synchrotron radiation at the CLS and for nuclear and particle physicists who rely on accelerators for their research. Only a dedicated course can cover the depth of physics required to properly teach the topic of accelerators which are ubiquitous in research, industry and medicine.

Women's and Gender Studies

Minor course revisions

WGST 312.3 – Feminist Research Methodologies

Prerequisite change:

Old prerequisite: WGST 112, or 6 credit units WGST and/or cognate courses, or permission of the WGST Coordinator.

New prerequisite: (WGST 112.3 or INDG 107.3) and (6 credit units WGST and/or cognate courses) and 30 credit units of university study; or permission of the WGST Program Chair.

Change to Note:

Old note: Students with credit for WGST 398 Special Topics: Feminism and the Construction of Knowledge may not take this course for credit. May be used as Social Science credit.

New note: Students may find having WGST 112.3 and INDG 107.3 helpful preparation for this course.

Students with credit for WGST 398 Special Topics: Feminism and the Construction of Knowledge may not take this course for credit. May be used as Social Science credit.

Rationale: The opportunity to do comparative analysis of feminist and Indigenous methodologies has demonstrated that INDG 107 is an asset to students for whose work mixed-methods-research is germane.

Political Studies

Minor course revisions

POLS 422.3 – Aboriginal Development Strategies

Prerequisite change:

Old prerequisite: POLS 111 and POLS 112

New prerequisite: POLS 222; or 54 credit units at the University level, including 18 credit units POLS and/or IS

New title: First Nations Governance

New course description: Examines First Nations governance strategies in Canada, with particular attention to First Nations in Saskatchewan. Attention is devoted to cultural, economic, and political development within First Nations communities. It is designed to provide students with an academic basis for analyzing existing governance development strategies in First Nations communities.

Rationale: The prerequisite change brings the course into alignment with other 400-level POLS courses, while emphasizing the entry pathway through POLS 222 (Indigenous Governance and Politics). The revisions to the title and course description provide greater clarity that the focus is on First Nations.

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.

Archaeology

Minor course revisions

ARCH 300.3 – Archaeology Reading Course I

Prerequisite change:

Old prerequisite: 24 credit units ANTH or ARCH courses

New prerequisite: 24 credit units ARCH courses

Rationale: This is an Archaeology Reading Course provided to Archaeology students. The previous "ANTH or ARCH" prerequisite was a remnant of the past that was overlooked for many years. This change will simply make official a policy that was already in practice and will limit unnecessary confusion for students.

ARCH 301.3 – Reading Course I

Prerequisite change:

Old prerequisite: Minimum of 24 undergraduate archaeology/anthropology credit units.

New prerequisite: 24 credit units ARCH courses

Rationale: See ARCH 300 above.

Studio Art

Minor course revisions

ART 251.3 – Intermediate Printmaking

Prerequisite change:

Old prerequisite: ART 151.3 or ART 152.3 or ART 113.6

New prerequisite: ART 151.3 and ART 152.3; or ART 113.6

New course description: Explores the conceptual, expressive and technical processes in multiple print media that include Intaglio, Relief, Lithography and Screenprinting. Digital applications and photo-printmaking will be investigated in various projects. Photo-Intaglio (solar plate), Photo-Lithography, Posterization and CMYK processes, as well as Monotypes and Monoprints will be explored. Discussion and exposure to a variety of equipment and materials will be included.

Rationale: The new description as proposed better encapsulates the techniques being taught in this course.

The proposed prerequisite change provides a breadth of printmaking media experience for 100-level students to pursue printmaking at the 200-level. The previous 6-credit course encompassed all areas covered by ART 151 and ART 152, and having both of these classes required as prerequisites would better prepare the students. The students will have completed 6cu of printmaking to prepare them for a variety of ART 251 projects that are suitable for a 200-level printmaking course, rather than creating a problem for students who have taken either ART 151 or ART 152 and who both have different but incomplete types of experience in each of the two classes. This change is being proposed after further consultation with other printmaking instructors and students.

**University Course Challenge Submission
February 2018**

The following change was approved by the College of Engineering Undergraduate Academic Programs Committee and is being submitted to University Course Challenge for approval:

Department of Chemical and Biological Engineering

Motion: To replace CMPT 117.3 with CMPT 145.3 in the Group A Elective lists in the Chemical Engineering undergraduate program.

Rationale: CMPT 117.3 has not been offered in a number of years. The course has since been replaced with CMPT 145.3.

Catalogue Entry:

Chemical Engineering

Program Requirements

[Bachelor of Science in Engineering \(B.E.\) - Chemical Engineering](#)

Note: Students in the Chemical Engineering Undergraduate Program cannot use ENVE 201 as a substitute for CHEM 242.

[Year 1 \(34 credit units\)](#)

All Engineering programs have a [common](#) first year.

[Year 2 \(36 credit units\)](#)

[Fall Term](#)

- [EE 204.3](#)
- [CHE 220.3](#)
- [CHEM 250.3](#)
- [GE 213.3](#)
- [MATH 223.3](#)
- [CHEM 242.3](#) (If [CHEM 115.3](#) has not been taken, it must be taken in this term.)

[Winter Term](#)

- [CHE 210.3](#)
- [CHE 223.3](#)

- [CHEM 221.3](#) or [BMSC 240.3](#)
- [CMPT 113.3](#)
- [MATH 224.3](#)
- 3 credit units Group A Elective (students must take [CHEM 242.3](#) if it has not been taken in Fall Term)

Year 3 (32 - 35 credit units)

Fall Term

- [CHE 323.3](#)
- [CHE 325.3](#)
- [CHEM 231.3](#)
- [GE 210.3](#)

Winter Term

- [CHE 315.3](#)
- [CHE 322.3](#)
- [CHE 324.3](#)
- [CHE 326.3](#)
- [CHE 333.2](#)

Fall Term or Winter Term

- [GE 348.3](#)
- [RCM 300.3](#)
- 3 credit units Complementary Studies Elective (over year 3 or year 4)
- 6 credit units Group B Elective (over year 3 or year 4)

Year 4 (35 - 38 credit units)

Fall Term

- [CHE 411.3](#)
- [CHE 414.2](#)
- [CHE 421.3](#)
- [CHE 423.3](#)

Winter Term

- [CHE 424.2](#)
- [CHE 470.0](#)
- [GE 449.3](#)
- 3 credit units Group B Elective or a 400-level approved Technical Elective from another Department

Fall Term or Winter Term

- [CHE 431.1](#)
- 6 credit units Group B Elective (over year 3 or year 4)
- 3 credit units Senior Humanities or Social Science Elective

Fall Term and Winter Term

- [CHE 495.6](#)

Bachelor of Science in Engineering (B.E.) - Biochemical Option

An "Option" within the College of Engineering is a prescribed set of courses that provides a concentration of specialized training in one particular field of study. Options are approved at the College level but are unique to Departments within the College, consisting of at least 18 credit units, none of which are core courses taken by all students within the Department.

This option provides specialization in sciences/engineering courses that apply to traditional bioprocessing industries such as food and beverage processing, enzyme production, biofuels and pharmaceuticals. Students wishing to complete this option must take [BMSC 240.3](#) in year 2 of the program.

Required Biochemical Electives (18 credit units)

Please consult an academic advisor for assistance in choosing electives.

The Biochemical option courses can replace Group A and Group B Electives in the regular Chemical Engineering program. If a student successfully completes the option as listed below, the student will not have to take [CHEM 231.3](#) and can substitute it with an option course.

18 credit units

- [BMSC 200.3](#) (formerly [BIOC 200.3](#))
- [FABS 212.3](#)
- [BMSC 240.3](#)
- [BIOC 310.3](#)
- [CHE 454.3](#)
- [CHE 461.3](#)

Bachelor of Science in Engineering (B.E.) - Mineral Processing Option

An "Option" within the College of Engineering is a prescribed set of courses that provides a concentration of specialized training in one particular field of study. Options are approved at the College level but are unique to Departments within the College, consisting of at least 18 credit units, none of which are core courses taken by all students within the Department.

The Chemical and Biological Engineering Mineral Processing Option offers students the

opportunity to take 6 courses within their Chemical engineering program that gives them a focus on the discipline of Mineral Processing. This option can replace Group A and Group B electives in the regular Chemical Engineering Program but will require students to take 6 CU above the regular Chemical Engineering Program.

Requirements (18 credit units)

Required Courses (15 credit units)

- [GEOL 121.3](#) (replaces the Group A elective in Year 2)
- [GEOL 224.3](#)
- [GEOE 377.3](#) (replaces the Group B elective in Year 3 or 4)
- [CHE 369.3](#) (replaces the Group B elective in Year 3 or 4)
- [CHE 469.3](#) (replaces the Group B elective in Year 3 or 4)

Elective Courses (choose 3 credit units)

- [CHE 454.3](#) (replaces the Group B elective in Year 3 or 4)
- [CHE 453.3](#) (replaces the Group B elective in Year 3 or 4)

Bachelor of Science in Engineering (B.E.) - Petroleum Option

An "Option" within the College of Engineering is a prescribed set of courses that provides a concentration of specialized training in one particular field of study. Options are approved at the College level but are unique to Departments within the College, consisting of at least 18 credit units, none of which are core courses taken by all students within the Department.

The petroleum option provides students the opportunity to take courses within the chemical engineering program that give them a focus on petroleum engineering, oil/gas engineering and bitumen upgrading. Students wishing to complete this option must take [CHEM 221.3](#) in year 2 of the program.

Required Petroleum Electives (21 credit units)

Please consult an Academic Advisor for assistance in choosing electives.

The Petroleum Option courses can replace Group A and Group B electives in the regular Chemical Engineering program.

Required Courses (12 credit units)

- [CHEM 221.3](#)
- [CHEM 231.3](#)
- [CHE 364.3](#)
- [GEOL 108.3](#) or [GEOL 121.3](#)

Choose 9 credit units from the following:

- [CHE 453.3](#)
- [CHE 454.3](#)
- [CHE 460.3](#)
- [CHE 464.3](#)
- [GEOE 466.3](#)

Elective Lists

Please consult an Academic Advisor. Some electives offered by other departments are given in alternate years.

Group A Elective List

- [BMSC 200.3](#) (formerly [BIOC 200.3](#))
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [CHE 364.3](#)
- [CHEM 255.3](#)
- [CHEM 322.3](#)
- [CHEM 344.3](#)
- [CHEM 375.3](#)
- [CHEM 377.3](#)
- ~~[CMPT 117.3](#)~~
- [CMPT 145.3](#)
- [CMPT 215.3](#)
- [FABS 212.3](#)
- [ME 214.3](#)
- [ME 324.3](#)
- [BIOL 120.3](#) or [GEOL 121.3](#)

Group B Elective List

- [CHE 320.3](#)
- [CHE 369.3](#)
- [CHE 453.3](#)
- [CHE 454.3](#)
- [CHE 460.3](#)
- [CHE 461.3](#)
- [CHE 464.3](#)
- [CHE 469.3](#)
- [GEOE 377.3](#)
- [GEOE 466.3](#)
- Note: Some Group B electives are offered in alternating years while others are offered annually. Consult with a faculty advisor to determine the availability of specific electives.

Complementary Studies Elective

Elective list

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARBC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHIN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CLAS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMRS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CREE Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ENG 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, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HNDI Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level JPNS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level LATN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level LING Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level LIT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PSY Courses](#)
- [400-Level RCM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST 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 SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SPAN Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level UKR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)
- COMM Select 100, 200, 300, or 400 Level
- [COMM 201.3](#)
- [COMM 203.3](#)
- [COMM 204.3](#)
- [COMM 205.3](#)
- [COMM 210.3](#)
- [COMM 211.3](#)
- [COMM 304.3](#)
- [COMM 306.3](#)
- [COMM 308.3](#)
- [COMM 321.3](#)
- [COMM 323.3](#)
- [COMM 329.3](#)
- [COMM 337.3](#)
- [COMM 340.3](#)

- [COMM 342.3](#)
- [COMM 343.3](#)
- [COMM 345.3](#)
- [COMM 346.3](#)
- [COMM 347.3](#)
- [COMM 348.3](#)
- [COMM 349.3](#)
- [COMM 352.3](#)
- [COMM 354.3](#)
- [COMM 357.3](#)
- ECON Select 100, 200, 300, or 400 Level
- [ECON 111.3](#)
- [ECON 114.3](#)
- [ECON 211.3](#)
- [ECON 214.3](#)
- [ECON 221.3](#)
- [ECON 223.3](#)
- [ECON 227.3](#)
- [ECON 231.3](#)
- [ECON 234.3](#)
- [ECON 254.3](#)
- [ECON 256.3](#)
- [ECON 270.3](#)
- [ECON 272.3](#)
- [ECON 275.3](#)
- [ECON 277.3](#)
- [ECON 280.3](#)
- GEOG Select 100, 200, 300, or 400 Level
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 280.3](#)
- PHIL Select 100, 200, 300, or 400 Level
- [PHIL 120.3](#)
- [PHIL 133.3](#)
- [PHIL 140.3](#)
- [PHIL 202.3](#)
- [PHIL 206.3](#)
- [PHIL 208.3](#)
- [PHIL 209.3](#)
- [PHIL 210.3](#)
- [PHIL 211.3](#)
- [PHIL 215.3](#)
- [PHIL 218.3](#)

- [PHIL 219.3](#)
 - [PHIL 224.3](#)
 - [PHIL 226.3](#)
 - [PHIL 227.3](#)
 - [PHIL 227.3](#)
 - [PHIL 231.3](#)
 - [PHIL 233.3](#)
 - [PHIL 234.3](#)
 - [PHIL 235.3](#)
 - [PHIL 236.3](#)
 - [PHIL 237.3](#)
 - [PHIL 238.3](#)
 - [PHIL 251.3](#)
 - [PHIL 262.3](#)
 - [PHIL 265.3](#)
 - [PHIL 271.3](#)
 - [PHIL 281.3](#)
 - [PHIL 285.3](#)
 - [PHIL 292.3](#)
 - [PHIL 294.3](#)
 - [PHIL 296.3](#)
-
- Exception: [CLAS 104.3](#) cannot be used to meet the Complementary Studies Elective Requirements of the program.
 - Special Topics courses cannot be used to meet a Complementary Studies Elective Requirement (any course ending in 98 or 99).
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- Exception: [CLAS 104.3](#) cannot be used to meet the Complementary Studies Elective Requirements of the program.
 - Special Topics courses cannot be used to meet a Complementary Studies Elective Requirement (any course ending in 98 or 99).

Senior Humanities or Social Science Elective

Elective list

- [200-Level, 300-Level or 400-Level ANTH Courses](#)
- [200-Level, 300-Level or 400-Level ARCH Courses](#)
- [200-Level, 300-Level or 400-Level CLAS Courses](#)
- [200-Level, 300-Level or 400-Level ECON Courses](#)
- [200-Level, 300-Level or 400-Level ENG Courses](#)
- [200-Level, 300-Level or 400-Level HIST Courses](#)
- [200-Level, 300-Level or 400-Level INDG Courses](#)
- [200-Level, 300-Level or 400-Level PHIL Courses](#)
- [200-Level, 300-Level or 400-Level POLS Courses](#)
- [200-Level, 300-Level or 400-Level PSY Courses](#)
- [200-Level, 300-Level or 400-Level RLST Courses](#)

- [200-Level, 300-Level or 400-Level SOC Courses](#)
- [200-Level, 300-Level or 400-Level WGST Courses](#)
- GEOG Select 200, 300, or 400 Level
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 280.3](#)

- Exception: [ECON 204.6](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- Exception: [PSY 233.3](#) and [PSY 236.3](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- Exception: [PHIL 241.3](#) cannot be used to meet the Senior Humanities or Social Science elective requirements of the program.
- Exception: [SOC 225.3](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- The following Engineering courses will also satisfy the Humanities/Social Science elective requirement: [RCM 400.3](#), [RCM 401.3](#), [RCM 402.3](#), [RCM 403.3](#), [RCM 404.3](#), [RCM 405.3](#), [RCM 406.3](#), [RCM 407.3](#), [RCM 408.3](#), [RCM 409.3](#), [RCM 410.3](#), and [RCM 495.3](#).

- Exception: [ECON 204.6](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- Exception: [PSY 233.3](#) and [PSY 236.3](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- Exception: [PHIL 241.3](#) cannot be used to meet the Senior Humanities or Social Science elective requirements of the program.
- Exception: [SOC 225.3](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- The following Engineering courses will also satisfy the Humanities/Social Science elective requirement: [RCM 400.3](#), [RCM 401.3](#), [RCM 402.3](#), [RCM 403.3](#), [RCM 404.3](#), [RCM 405.3](#), [RCM 406.3](#), [RCM 407.3](#), [RCM 408.3](#), [RCM 409.3](#), [RCM 410.3](#), and [RCM 495.3](#).

College of Graduate and Postdoctoral Studies (CGPS)

The curricular change listed below have been approved by the College of Graduate and Postdoctoral Studies and are submitted to the University Course Challenge for approval.

University Course Challenge – FEB 2018

New Courses:

ENVS 833.3: CoManagement of Northern Ecosystems and Natural Resources

This course explores concepts, trends, opportunities, and challenges in the movement towards co-management of natural resources and ecosystems in northern Canada and the circumpolar world. Rapid social and biophysical change characterizes this region, so students will gain an in-depth understanding of how co-management institutions interact with this critical context.

Instructor: Douglas Clark, PhD

Rationale: This course was designed and implemented at the request of the International Centre for Northern Governance and Development (then part of the Johnson-Shoyama Graduate School for Public Policy) in 2014. It was intended to be a UofS-offered complement to a graduate course in ecosystem management at the University of Tromso, for inclusion in their then-new masters degree in Governance and Entrepreneurship in Northern and Indigenous Areas (GENI). Before making this request of SENS, the ICNGD had determined that there was no comparable offering on campus.

Students have come from across campus to take the 898 version of the course. For example, the first offering one of our seven students was from the College of Veterinary Medicine. In January 2017 Dr. Clark offered this course in a blended format with both on-campus (8) and off-campus (3) students from SENS and the GENI program attending simultaneously. That interaction worked very smoothly and enriched the course considerably. Regularizing this course and offering it on a consistently will contribute to the University's internationalization mandate.

Approved by CGPS February 5, 2018

ENVS 814.3: Qualitative Methodologies

Bridging theory and practice, this course provides an introduction to qualitative methodologies and methods. Throughout, students will develop their ability to articulate terminology, concepts, and criteria; journal using reflexive questions; compare and select methodologies and methods; and apply basic methods of data collection, data management, analysis, and reporting.

Instructors: Carolyn Hoesler, PhD

Rationale: This course was introduced as an 898 in response to a need identified by both students and faculty for a graduate level class in qualitative methods that would help address specific needs of SENS students. The course she offers has been taken up by students in other units, however, it is tailored to meet the needs of SENS students. The SENS course combines theory and practice; other methodology courses offered at the University are more theory based. The SENS course also explicitly addresses multiple ontologies and ways of knowing - something that allows students to consider how they might engage Indigenous peoples in their research philosophy and practice. This is an important inclusion for SENS as many faculty and their students conduct research with Indigenous peoples and communities. This is increasingly important for the University as well.

Approved by CGPS February 5, 2018

College of Nursing, Submission to February 2018 University Course Challenge

The following was approved by the College of Nursing's Undergraduate Education Committee on February 8, 2018 and is being submitted to University Course Challenge for approval:

Course Revisions

NURS 220.3 — 2(3L-2.2P)

Concepts of Patient and Family Centered Care

Students will further explore clinical competencies necessary for developing and planning care of patients with acute and chronic needs. Opportunities will be provided to demonstrate critical thinking in the performance of nursing interventions in simulated clinical situations.

Restriction(s): Restricted to students in the College of Nursing who are registered in the B.S.N. program or the Post-Degree B.S.N. Option.

Prerequisite(s) or Corequisite(s): NURS 200.3, NURS 201.3, NURS 202.3, NURS 203.3, NURS 204.3, NURS 207.3, NURS 208.3, PHAR 250.3, ~~PHSI 208.6~~, MCIM 223.3.

Note: Students in the Post-Degree B.S.N. Option can register in NURS 220.3 without having received credit for NURS 201.3 as a prerequisite. These students will be required to complete NURS 201 later in the program. Students will be required to pay a supplemental software access fee.

NURS 221.3 — 144C over Spring Term

Patient and Family Centered Care in Clinical Practice

Opportunities to demonstrate critical thinking skills in the performance of nursing interventions necessary for the maintenance of patient safety, comfort, and physiological integrity in clinical situations.

Restriction(s): Restricted to students in the College of Nursing who are registered in the B.S.N. program or the Post-Degree B.S.N. Option.

Prerequisite(s): MCIM 223.3, ~~PHSI 208.6~~, NURS 200.3, NURS 201.3, NURS 202.3, NURS 203.3, NURS 204.3, NURS 207.3, NURS 208.3, NURS 220.3, and PHAR 250.3

Rationale: The removal of PHSI 208.6 from the B.S.N. program was approved by University Course Challenge in October, 2017. These course changes simply complete this revision to the program.

College of Pharmacy and Nutrition – University Course Challenge, February 2018

Please note the following change for information:

Bachelor of Science in Nutrition [B.Sc (Nutr.)] (132 credit units)

Year 1

33 credit units

- Food Safe | Certificate
- COMM 102.3
- BMSC 200.3
- BMSC 230.3
- FABS 110.3
- PHSI 208.6
- NUTR 120.3
- NUTR 221.3
- NUTR 230.3
- PLSC 214.3

Choose 3 credit units from the following:

- unrestricted elective

Year 2

36 credit units

- Food Safe Certificate II
- Speechcraft (Public Speaking Certificate)
- MCIM 224.3 or **BMSC 210.3**
- NUTR 305.3
- NUTR 310.3
- NUTR 321.3
- NUTR 322.3
- NUTR 330.3
- NUTR 350.3
- NUTR 365.3
- NUTR 366.3 (offered in Spring and Summer Terms)
- PATH 205.3

Choose 6 credits from the following:

- Unrestricted Electives

Year 3

33 credit units

- COMM 201.3
- FABS 323.3
- NUTR 420.3
- NUTR 425.3
- NUTR 430.3
- NUTR 441.3
- NUTR 442.3
- NUTR 450.3
- NUTR 466.3

Choose 6 credit units from the following:

- unrestricted electives

Year 4

30 credit units

- NUTR 531.30
- Internship

Rationale: BMSC 210.3 and MCIM 224.3 were approved as equivalent courses in 2009 (University Council June 19th, 2008). The catalogue is simply being adjusted to document the equivalent status of these two courses.