



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: August 2014

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 changes to courses which affect another college.

Contents:

Arts and Science

Page 2

Minor program revision in Environmental Earth Sciences; items for information in Drama.

College of Engineering

Page 6

Minor program revision in Chemical Engineering; prerequisite change to courses in Electrical Engineering.

College of Graduate Studies and Research

Page 7

New courses in Chemistry and Finance.

Approval: Date of circulation: August 15, 2014

Date of effective approval if no Challenge received: August 29, 2014

Next scheduled posting:

The next scheduled Challenge document posting will be in September, 2014, with a submission deadline of **September 11, 2014**. Urgent items can be posted on request.

College of Arts and Science

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.

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

Drama

The following courses were approved as part of the Certificate of Proficiency in Aboriginal Theatre. Details circulated here for information.

DRAM 105.0 Aboriginal Theatre Mentored Learning I

This course (0 cu) offers students enrolled in ATP, *wîcêhtowin* - Aboriginal Theatre Program (Certificate of Proficiency), mentorship provided by the course coordinator, visiting theatre practitioners, elders, cultural leaders and traditional Knowledge Keepers. Students will share culturally relevant information and reflect upon their experiences in ATP as related to the acquisition of performance and technical theatre skills. Topical assignments will be distributed (via email) five days in advance of each class meeting. Guest speakers will be drawn from the University and the surrounding community. Additional guests (artists and elders alike) will be brought to campus as funding permits. DRAM 105 meets jointly with DRAM 205, and hence a broad network of student peers will be established, helping to intensify the sense of an inclusive creative artistic community which is central to the mission of *wîcêhtowin* - Aboriginal Theatre Program.

Instructor: Carol Greyeyes

Rationale: As stated in the course description (above), DRAM 105 (and its partner course, DRAM 205) provides enrichment opportunities for students enrolled in *wîcêhtowin* - Aboriginal Theatre Program (ATP). In one sense, the T1/T2 course provides a forum for students to gather as a community of peers and share their experiences in ATP. As well, the class sessions are intended to provide mentorship, and will be led by the ATP program coordinator, by guest artists, elders, community leaders and by traditional Knowledge Keepers with a view to guiding students in the process of becoming Indigenous theatre artists. When funding permits, high-profile Aboriginal theatre artists (performers and technicians) will provide presentations, workshops and training sessions for students enrolled in DRAM 105, DRAM 205, and to the larger departmental and university bodies.

DRAM 205.0 Aboriginal Theatre Program Mentored Learning II

The course (0 cu) offers students enrolled in ATP, *wîcêhtowin* - Aboriginal Theatre Program (Certificate of Proficiency), mentorship provided by the course coordinator, visiting theatre practitioners, elders, cultural leaders and traditional Knowledge Keepers. Students will share

culturally relevant information and reflect upon their experiences in ATP as related to the acquisition of performance and technical theatre skills. Topical assignments will be distributed (via email) five days in advance of each class meeting. Guest speakers will be drawn from the University and the surrounding community. Additional guests (artists and elders alike) will be brought to campus as funding permits. DRAM 205 meets jointly with DRAM 105, and hence a broad network of student peers will be established, helping to intensify the sense of an inclusive creative artistic community which is central to the mission of *wîcêhtowin* - Aboriginal Theatre Program.

Prerequisite: DRAM 105

Instructor: Carol Greyeyes

Rationale: See DRAM 105 above.

DRAM 211.3 Indigenous Performance Methods

Indigenous culture and worldviews are explored by using the “communicative method” fundamental to the field of language instruction. This course is divided into three distinct modules: "Acquisition," "Application," and "Expression." Module One, "Acquisition," uses immersion techniques to introduce students to an Indigenous language via a practical and expressive approach. Module Two, "Application," focuses on the application of an Indigenous language to various methods of creative expression: oratory, storytelling and especially performance arts and focuses on both individual and group exercises. In Module Three, "Expression," students develop, rehearse and present individual and group-generated creative works completely driven by the specific Indigenous language explored in Modules One and Two. The course is delivered in an integrated approach—a combination of seminars, and lab/practicum sessions. Language and cultural specialists, elders, traditional Knowledge Keepers, guest lecturers/artists, enrich this course through socio-cultural activities intended to provide a foundation for the exploration of contemporary Indigenous worldviews and cultural arts.

Prerequisite(s): DRAM 119 and permission of the instructor

Instructor: Carol Greyeyes

Rationale: "If we lose our language we will lose our ceremonies and ourselves because our life is our language, and it is our language that makes us strong." Dr. Stephen Greymorning, Arapaho professor from the University of Montana.

This unique and innovative course is being created, on the one hand, to provide *wîcêhtowin* - Aboriginal Theatre Program (Certificate of Proficiency) students with the fundamentals for creating new performance work rooted in Indigenous language, worldviews and cultural praxis. On the other hand, the course also offers valuable training in Indigenous language acquisition—and creative methods of communicating and teaching language—for any student. The course focuses on oracy and cultural expression inherent in the language through a number of performance arts: story-telling, song, dance and theatrical works. The laboratory/practicum component of the course provides students with opportunities to learn how to communicate creatively and express ideas, emotions, tell stories in the language, while engaging in the process of developing creative material for presentation. This distinctive Indigenous Performance Methods course is unique not only to University of Saskatchewan, but also to the province and to Canada. The course number, DRAM 211, has been processed through the U of S Calendar Coordinator.

DRAM 231.3 Introduction to Aboriginal Playwriting

The purpose of DRAM 231 is to learn the basics of dramatic writing, with a focus on writing for the stage. The course is intended for students with little to no previous University-level writing

experience, but who have an intense interest in theatre. The specific dramaturgical approach employed in the course focuses on the actor/character relationship to text, where the actor is always the first “audience” of any script. In that the actor is ultimately responsible for interpreting the text (through performance to the audience), it is the playwright’s goal to create a script that both challenges and engages the actor. The craft of writing plays is explored through exercises and class discussion, and the course focuses on First Nations and Métis cultural concerns.

Prerequisite(s): DRAM 118

Pre- or Co-requisite(s): DRAM 119

Instructor: Kenneth T. Williams

Rationale: This course is designed for students with little to no prior University-level writing experience, but who are passionate about theatre. Although open to a broad base of students, the course will be taken principally by those enrolled in *wîcêhtowin* – Aboriginal Theatre Program (Certificate of Proficiency), and hence a decided instructional emphasis will be placed on thematic concerns appropriate to the cultures of First Nations and Métis peoples. By the conclusion of the course students will compose the equivalent of a one-act play, and will learn valuable dramaturgical skills.

DRAM 310.3 Aboriginal Theatre Program Capstone Course

This Capstone course for the *wîcêhtowin* - Aboriginal Theatre Program provides the opportunity to apply performance techniques and skills, the theory and practice of writing for the theatre, basic theatre design and production concepts, and the skills required for production coordination, stage and house management, in a public performance. The course requires prior knowledge of general acting, playwriting, technical and design skills and in particular, skills that are acquired in the two-year culturally-based *wîcêhtowin* - Aboriginal Theatre Program. DRAM 310 requires a minimum of 25 hours of production work beyond class and lab/practicum hours [note: listed as "Other" in the "Meeting Hours" segment of the "Course Proposal" document]. Students should avoid taking other courses (and especially evening classes) when enrolled in DRAM 310 because of the demands of production set-up, rehearsals, and evening performances. The course features four live performances of a collaboratively developed new production, showcasing the techniques and skills gained over the course of *wîcêhtowin* - Aboriginal Theatre Program (Certificate of Proficiency Program).

Prerequisite(s): DRAM 219, DRAM 322 or by approval of Department

Instructor: Carol Greyeyes

Rationale: As stated in the course description (above), the course is the capstone and culmination of the *wîcêhtowin* - Aboriginal Theatre Program (Certificate of Proficiency Program). This course gives *wîcêhtowin* - Aboriginal Theatre Program students the opportunity to integrate their personal cultural exploration and give it contemporary expression in the final production - an original production developed collaboratively. The course is essential because it showcases all that has been gained over the entirety of the Certificate program: experientially based learning; the practical application of performance techniques and skills; the theory and practice of writing for the theatre; basic theatre design and production concepts; and the skills required for production coordination, stage and house management. This distinctive Capstone Course culminates in a world premiere of new Indigenous theatre which will add to the development and evolution of Indigenous theatre in Canada and the world. The course number, DRAM 310, has been approved by the U of S Calendar Coordinator.

Bona fide prerequisites: DRAM 219, DRAM 322. In reality, however, the course will be taken only after *wîcêhtowin* - Aboriginal Theatre Program students have completed all other Certificate

of Proficiency Program requirements. Provision, however, is made for allowing qualified students (see prerequisites) to enrol in DRAM 310 with permission of Instructor/Dept Approval. Such provision is healthy, as it will allow pedagogical considerations to trump administrative exigency.

DIVISION OF SOCIAL SCIENCES

Environmental Earth Sciences

Correction to Minor Program Revision posted to the May 2014 University Course Challenge

Incorrect subject code was given for BLE 432 in the B.Sc. Four-year program.

Bachelor of Science Four-year (B.Sc. Four-year) - Environmental Earth Sciences

C7 Electives Requirement (27 credit units)

Required Cognate Courses

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

- [STAT 245.3](#) (or equivalent)
- [BIOL 228.3](#) (formerly BIOL 253)
- ~~3 credit units senior BIOL (BIOL 373.3 or BIOL 412.3 recommended)~~

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

- [BIOL 412.3](#)
- ~~BIOL 432.3~~ should be **BLE 432.3**
- [BLE 481.3](#)
- ~~CHEM 221.3~~
- ~~CHEM 231.3~~
- ~~CHEM 242.3~~
- [CHEM 250.3](#)
- ~~CHEM 344.3~~
- [CHEM 375.3](#)
- ~~CHEM 377.3~~
- [CMPT 111.3](#)
- [CMPT 115.3](#)
- [GEOG 386.3](#)
- [MATH 225.3](#)
- ~~MATH 226.3~~
- ~~MATH 238.3~~
- [MATH 264.3](#)
- [MATH 266.3](#)
- [PHYS 127.3](#) (formerly PHYS 128)
- [PHYS 322.3](#)

- **TOX 200.3 or TOX 301.**

College of Engineering

University Course Challenge

Approved at the College of Engineering Undergraduate Academic Programs Committee on Wednesday, July 16, 2014. Changes are noted in red.

1. **EE 472 (Optoelectronics and Photonics) – Prerequisite Change**

FROM:

(EE 372 and EE 301) or (EP 317 and **EP 456**)

TO:

(EE 372 and EE 301) or (EP 317 and **PHYS 456**)

Rationale: The change corrects a mistake in the catalog.

Effective Date: 201505

Course and Program Catalogue: 2015-16

2. **EE 202 (Electric and Magnetic Fields and Circuits) – Prerequisite Change**

FROM:

(MATH 123 or MATH 110), (MATH 124 or MATH 116), and (PHYS 155 or PHYS 115)

TO:

(MATH 123 or MATH 110), (MATH 124 or MATH 116), and (PHYS 155 (**taken**) or PHYS 115)

Rationale: 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.

Effective Date: 201505

Course and Program Catalogue: 2015-16

3. **EE 271 (Materials and Heat Transport in Electrical Engineering) – Prerequisite Change**

FROM:

CHEM 114 and PHYS 155

TO:

CHEM 114 and PHYS 155 (**taken**)

Rationale: 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.

Effective Date: 201505

Course and Program Catalogue: 2015-16

4. Chemical Engineering – Program Change

The Department of Chemical and Biological Engineering wishes that the ENG1XX elective required to be taken in the third year of Chemical Engineering (CHE) program be changed into a Complementary Studies elective.

Rationale: To give CHE students more degrees of freedom on selecting Complementary Studies electives such as RCM4XX courses, Humanities or Social Science courses, Business Science courses, and language courses to meet their interests. The change has no negative impact on the CHE accreditation.

Effective Date: 201509

Course and Program Catalogue: 2015-16

College of Graduate Studies and Research

Chemistry

New Course

CHEM 833.3 – Characterization Methods in Materials Chemistry

Prerequisite: None

Calendar Description: This course develops an awareness of a variety of characterization techniques in materials chemistry, especially X-ray spectroscopy, diffraction, scattering, and electron microscopy techniques.

Rationale: This is a new course that has been offered for the first time in T2, 2013-14 as Chemistry 832.3 (Special Topics in Inorganic Chemistry). The course will be a regular offering in Inorganic/ Materials Chemistry division graduate courses. With the growing size of the Inorganic/ Materials Chemistry division it has been made apparent that a class in physical characterization methods in materials is desperately needed in the graduate program. The last two hires in the Department have been an Inorganic Solid State Chemist and a Materials Chemist/ CRC Chair in Photovoltaics; other faculty have research directions that involve materials chemistry. Expected enrollment in 2013-14 is expected to be between 6-12 students based on the number of graduate students in materials chemistry groups who require additional graduate courses. In the Department of Chemistry often more than one CHEM 832 special topics course has been offered in a given term. In order to avoid any confusion in the future, we are creating permanent course numbers of all offerings (ie. CHEM 833.3).

Finance

New Course

FIN 871.3 – Advanced Investment Practicum

Prerequisite: Permission of the department.

Catalogue Description: This course is designed to give students practical experience in the selection and management of financial assets through managing the funds held in the Investment Account of the Student Managed Portfolio Trust (SMPT). Students will work in groups as Financial Analysts (FAs) to make the ultimate decisions for managing the portfolio of securities. Overall, the activities of each group will include identification, analysis, acquisition, and monitoring of investment securities and making entry and exit decisions. The legal and ethical considerations of investing will be emphasized throughout the training program.

Note: Students cannot hold credit for both COMM 471.3 and FIN 871.3.

Rationale: The majority of the program's courses are theoretical in nature. This innovative course gives an opportunity for experiential learning. The course has been offered as a hybrid course for two years and it has been successful with the students, the faculty and employers.