



## Academic Programs Committee of Council

### University Course Challenge

**Scheduled posting: August, 2017**

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/or approval from the following colleges:**

College of Agriculture & Bioresources  
College of Education  
College of Graduate and Postdoctoral Studies  
College of Nursing  
Edwards School of Business  
Western College of Veterinary Medicine

**Approval:**      Date of circulation: August 17, 2017  
                            Date of effective approval if no challenge received: August 31, 2017

**Next scheduled posting:**

The next scheduled posting will be September 14, 2017, with a submission deadline of **September 12, 2017**. Urgent items can be posted on request.

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

## College of Agriculture & Bioresources

Correction to June, 2017 University Course Challenge, for information:

Please note that the addition of **AREC 459** to the 400-level restricted elective list in the Bachelor of Science (B.Sc.) in Agribusiness applies to both the Four-year and Honours programs, as noted:

### **Bachelor of Science in Agribusiness [B.Sc.(Agbus.)]**

#### **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 and 4 (60 credit units)**

#### **Requirements**

#### **Open Electives**

#### **Restricted Electives**

Choose 21 credit units Restricted Electives from the following: Minimum 12 credit units must be at the 400-level. Maximum of 6 credit units of 400-level RCM classes may be taken to fulfill this requirement.

- AREC 230.3
- AREC 251.3
- AREC 254.3
- AREC 354.3
- AREC 330.3
- AREC 344.3
- AREC 346.3
- AREC 395.3
- AREC 400.3
- AREC 420.3
- AREC 428.3
- AREC 430.3
- AREC 432.3
- AREC 433.3
- AREC 434.3
- AREC 435.3
- AREC 440.3
- AREC 445.3
- AREC 451.3
- **AREC 459.3**
- AREC 461.3
- AREC 492.3
- AREC 495.3

- COMM 105.3
- COMM 210.3
- COMM 304.3
- COMM 340.3
- COMM 342.3
- COMM 345.3
- COMM 347.3
- COMM 354.3
- COMM 357.3
- COMM 363.3
- COMM 368.3
- COMM 456.3
- 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
- RRM 312.3

## **Bachelor of Science in Agribusiness [B.Sc.(Agbus.) Honours]**

### **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 and 4 (60 credit units)**

### **Requirements**

#### **Open Electives**

#### **Restricted Electives**

Choose 18 credit units restricted electives from the following: 12 of the 18 credit units must be AREC 400-level

- AREC 230.3
- AREC 251.3
- AREC 254.3
- AREC 330.3
- AREC 344.3
- AREC 346.3
- AREC 354.3
- AREC 395.3
- AREC 400.3

- AREC 420.3
- AREC 428.3
- AREC 430.3
- AREC 432.3
- AREC 433.3
- AREC 434.3
- AREC 435.3
- AREC 440.3
- AREC 445.3
- AREC 451.3
- AREC 459.3
- AREC 495.3
- COMM 105.3
- COMM 210.3
- COMM 304.3
- COMM 340.3
- COMM 342.3
- COMM 345.3
- COMM 347.3
- COMM 354.3
- COMM 357.3
- COMM 363.3
- COMM 368.3
- COMM 456.3
- 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
- RRM 312.3

Contact: Amie Shirkie

## **College of Graduate and Postdoctoral Studies (CGPS)**

The curricular changes 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 – AUG 2017**

#### **Mutually-Exclusive Courses**

EE 860.3/EE 441.3

ME 875.3/ME 491.3

CHE 881.3/CHE 325.3

SOC 812.3/SOC 412.3

CMPT 816.3/CMPT 470.3

Rationale: These courses were originally approved as mutually-exclusive courses; however, the notation never was submitted to course challenge. This is being submitted for approval now to correct the course records.

#### **New Courses:**

##### **ME 830.3: Nonlinear Dynamic Modelling**

Simulation of nonlinear dynamic systems. Includes numerical solution of ordinary differential equations (ODEs), as well as their analysis from an equilibrium and stability standpoint. Physical modelling of systems in a number of domains will be introduced, with examples of mechanical, fluid power, electrical and biological systems.

Instructor: Travis Wiens, Ph.D.

Prerequisite: Permission of the instructor is required. Students should have experience with undergraduate controls and linear systems. Familiarity with Matlab is expected.

Rationale: Physical modeling of dynamic systems is an indispensable skill for engineers working or performing research in the fluid power field (amongst many others). Being able to simulate the performance of dynamic systems allows the student to quickly and inexpensively predict the performance of a system or algorithm before an experiment is constructed. This class will also provide the student with exposure to the Matlab and Simulink programming environments, which are ubiquitous in both industrial and academic controls fields.

This class has a general field of application, with examples presented from many fields. However, it belongs in the Mechanical Engineering course offerings since it presents a number of specific techniques for simulating mechanical systems (for example, particular methods of simulating sliding friction or for handling wave propagation through pipelines).

This class has been offered twice as ME898, with good enrollment and high reviews.

Approved by CGPS June 28, 2017

##### **LAW 860.3: Advanced Studies in Indigenous Rights and Natural Resource Development**

Students interested in Indigenous Rights topics will study one of their contemporary applications with a major economic significance while students interested in the law of natural resource development will have a strong exposure to the major impacts on this area of law of rights held by Indigenous Peoples. This course will connect Canadian constitutional law and international law doctrine on Indigenous Rights.

Instructor: Dwight Newman, D.Phil.

Prerequisite: Open to registered students in the LLM program.

Rationale: A high demand course taken by LLM students researching in the area. Has run successfully as a special topics course.

Approved by CGPS June 28, 2017

**Correction to June, 2017 University Course Challenge, for information:**

Please note that the removal of PSY 996 from the Doctor of Philosophy (Ph.D.) Psychology - Cognition and Neuroscience- Non-Direct was made in error. This course continues to be a requirement for the program, as follows:

**Doctor of Philosophy (Ph.D.) Psychology - Cognition and Neuroscience- Non-Direct**

Degree Requirements

Students must maintain continuous registration in the 996 course.

- GPS 960.0
- GPS 961.0 if research involves human subjects
- GPS 962.0 if research involves animals subjects
- a minimum of 6 credit units, including:
- PSY 996.0,
- [PSY 805.3 or PSY 807.3](#)
- 3 credit units chose in consultation with the Department of Psychology
- [PSY 900.0 \(x3\)](#)
- [qualifying exam](#)
- comprehensive exams

**Correction to June, 2017 University Course Challenge, for information:**

Please note that GEOG 847 was not available for a new course proposal, so GEOG 849 was used for the following new course:

**New Course: GEOG ~~847.3~~ 849.3**

**GEOG 849.3: Advanced Planning with Indigenous Communities**

The course focuses on the theory and methods of indigenous community planning in reserve, rural, urban, northern, and international contexts. Students will apply course content in classroom discussions and to produce a research essay. Guest lectures from practitioners and a field trip are additional highlights to the learning experience.

Note: GEOG ~~847.3~~ 849.3 is mutually-exclusive with PLAN 445.3. Students cannot obtain credit for both.

## **College of Education**

### **For Information:**

#### **Bachelor of Education (B.Ed.)**

The Sequential Program for the Bachelor of Education (B.Ed.) was approved for termination by University Council on June 22, 2017. However, please note that the B.Sc.(Kin.)/B.Ed., ITEP, and SUNTEP Bachelor of Education program routes will continue to use the existing Sequential Teaching Areas lists.

Contact: Arvelle Van Dyck

## Edwards School of Business, August, 2017 University Course Challenge

The following items are noted for information:

### Bachelor of Commerce (B.Comm.) – Accounting

#### Correction to June, 2017 University Course Challenge:

The following revision is being implemented for the 2017-18 academic catalogue year, per the school's approval. As such, it is not a change to the Accounting B.Comm. and should not have been included in the June, 2017 UCC.

### Bachelor of Commerce (B.Comm.) - Accounting

Substitute COMM 486 *Case Analysis and Presentation Skills* (JDC West) for COMM402 *Business Negotiations* in the accounting major for those students approved or selected for JDC or other college approved case competitions.

#### Year 1 (30 credit units)

#### Year 2 (30 credit units)

#### Year 3 (30 credit units)

#### Year 4 (30 credit units)

This program will be in effect for students entering the Accounting (ACC) major in the 2016-17 academic year. Students currently in the ACC major will be allowed to complete the major requirements for the academic year in which they were admitted.

- [COMM 401.3](#)
- [COMM 402.3](#) (Students approved for JDC or other college-approved case competitions may use COMM 486 instead of COMM 402. Students must seek approval of the Edwards School of Business.)
- [COMM 406.3](#)
- [COMM 407.3](#)
- [COMM 412.3](#)
- [COMM 414.3](#)
- [COMM 421.3](#)
- [COMM 433.3](#)
- [COMM 438.3](#)

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

- free senior electives
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## **Bachelor of Commerce (B.Comm.) – Management**

Per the June, 2017 University Course Challenge, COMM 447 replaced COMM 402 as a core requirement for all B.Comm. fields of study. The following adjustments are a result of this approved change, and are being noted here for information:

### **Bachelor of Commerce (B.Comm.) - Management**

#### **Year 1 (30 credit units)**

#### **Year 2 (30 credit units)**

#### **Year 3 (30 credit units)**

- [COMM 306.3](#)
- [COMM 307.3](#)

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

- 100-level non-Commerce electives

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

- Free senior electives

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Choose 15 credit units from Groups 1 to 6

NOTE: Within the total of 30 credit units required in the Management major:

- ~~COMM 447.3 is required in the Management major and is to be taken in Year 4~~
- at least 3 of the remaining 27 credit units must be at the 400-level
- within the remaining 27 credit units, a minimum of 3 credit units must be chosen from at least 5 of the 6 subject groups
- a maximum of 9 credit units can be chosen from each of Groups 1-5

#### **Year 4 (30 credit units)**

- [COMM 401.3](#)
- ~~COMM 402.3~~
- [COMM 447.3](#)

Choose **9 12 credit units** from the following:

- free senior electives

**Choose 12 credit units from Groups 1 to 6**

NOTE: Within the total of 30 credit units required in the Management major:

- ~~COMM 447.3 is required in the Management major~~
- at least 3 of the remaining 27 credit units must be at the 400-level

- within the remaining 27 credit units, a minimum of 3 credit units must be chosen from at least 5 of the 6 subject groups
- a maximum of 9 credit units can be chosen from each of Groups 1-5

**Group 1 – Marketing**

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Contact: Noreen Mahoney

## **College of Nursing, August, 2017 University Course Challenge**

The following item was approved by the College of Nursing Faculty Council on June 14, 2017 and is now being proposed to University Course Challenge for approval:

### **Minor Course Revision**

#### **Prerequisite Change:**

#### **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):** ~~or Corequisite(s): NURS 220~~ **MCIM 223.3, PHSI 208.6, NURS 200.3, NURS 202.3, NURS 204.3, NURS 201.3, NURS 203.3, NURS 220.3, PHAR 250.3**

Contact: Donna Ludwar

## **Western College of Veterinary Medicine, University Course Challenge August, 2017**

The following new course was approved by the college faculty council on August 9, 2017 and is now being submitted to University Course Challenge for approval:

### **New Course Proposal**

VTPA 435.2 Honey Bee Diseases (24L - 2P over Term 2)

To familiarize students with honey bee biology, basic beekeeping practices and the most important diseases in Canada. Certain topics will make reference to sustainable agriculture and ecosystem.

Restriction(s): Successful completion of Year 2 of the Doctor of Veterinary Medicine program.

Rationale: First course of its kind in the DVM program and in North America. The management of honey bees requires the use of veterinary drugs and most particularly, antimicrobials. Changes in the way in which antimicrobials are used in Canada means that veterinarians. Students are expected to obtain a basic knowledge about biology and the most important diseases of honey bees in Canada to enable them to further learn independently about complex issues impacting honey bee health in Canada means that veterinarians will soon have to prescribe and dispense drugs to bee keepers. The next generate of veterinarians will require knowledge of apiary to meet this need.

Contact: Paige Links