



## Academic Programs Committee of Council

### University Course Challenge

**Scheduled posting: May 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:**

##### **Agriculture and Bioresources**

**Page 2**

New course in Bioresource Policy, Business and Economics.

##### **Arts and Science**

**Page 2**

New courses in History, Linguistics, Religion and Culture, Native Studies; course deletions in History, Religion and Culture, Physics, Geography, International Studies; minor program revisions in Geology, Northern Studies; minor course changes in Physics, Native Studies. Items for information: English – Remove ENG 293 (formerly ENG 393) from Category I; Political Studies – POLS 246.6 split into POLS 244.3 Theories of Political Development and POLS 245.3 Topics in the Politics of Developing Countries

##### **College of Engineering**

**Page 11**

New course in the Graham School of Professional Development; prerequisite changes to courses in Electrical Engineering

##### **College of Graduate Studies and Research**

**Page 12**

Minor program change to the Master of Public Health.

Items for information: New course in Graduate Professional and Employment Skills

##### **College of Law**

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New courses

#### **Approval:**

Date of circulation: April 16, 2014

Date of effective approval if no Challenge received: April 30, 2014

#### **Next scheduled posting:**

The next scheduled Challenge document posting will be in May, 2014, with a submission deadline of **May 14, 2014**. Urgent items can be posted on request.

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## College of Agriculture and Bioresources

### Bioresource Policy, Business, and Economics

#### New Course(s)

#### **BPBE 356.3 The Economics of International Agribusiness**

**Prerequisites:** ECON 211.3 Intermediate Microeconomic Theory and BPBE 272.3 Introduction to Agricultural Economics (or permission of the instructor)

**Course Description:** Provides an introduction to the international commercial policy and industrial environment within which international agribusiness operates and examines the business strategies available to firms to deal with the particular policy and commercial risks associated with international agribusiness.

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## 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.

### DIVISION OF HUMANITIES & FINE ARTS

#### Drama

#### Minor Course Revisions

#### **DRAM 113.3 Technical Theatre II Stage Properties**

Add lab (1.5 hours) and reduce lecture hours to 2 per week (from 3).

Rationale: The change will require students enrolled in DRAM 113 to take a laboratory section concurrently with the course. The additional lab will bring DRAM 113 in-line with its sister course DRAM 110, which has long held a laboratory section. The alteration stems from Drama's ongoing curricular renewal process, wherein we are committed to aligning our course offerings with faculty complement. Additionally, we are insuring that learning objectives for our 100-Level technical theatre courses are commensurate with activities usually associated with introductory-level courses, and allow a practical component to be associated with the classroom experience (something that has been an informal aspect of the course, but is now being formalized via this change).

#### English

#### New course(s):

#### **ENG 254.3 Canadian Speculative Fiction**

1/2 (3L) A study of Canadian speculative fiction, including but not limited to such literary modes as science fiction, fantasy, magic realism, utopian and dystopian literature, and alternate history.

Prerequisite(s): 6 credit units of 100-level ENG; or 3 credit units 100-level ENG and INTS 101.

Rationale: Canadian Speculative Fiction has been taught in two consecutive years as ENG 298.3, a Special Topics course. During that time, it has been fully enrolled (to the maximum of 50 students) and has been an attractive elective for students outside the HumFA division. The proposed course complements Department of English course offerings by (1) serving as a mode of fulfilling the Canadian Literature requirement for majors and as one of the 200-level pre- or co-requisites for 300-level courses; (2) supplementing the curriculum by focusing on Canadian fiction that is taught infrequently; (3) offering subject matter that is of interest to students in other programs and colleges; and (4) allowing students interested in the always-full 226.3 (Fantasy and Speculative Fiction) another opportunity to study speculative fiction.

## **Studio Art**

### **Minor Course Revisions**

#### **ART 141.3 Sculpture Foundation**

Change to Note:

Old Note: Sculpture students provide their own materials. Students with credit for ART 114 may not take ART 141 for credit. This course can be used toward either studio or Art History requirements in Art degree programs.

New Note: Sculpture students provide their own materials. Students with credit for ART 114 may not take ART 141 for credit.

Rationale: The option to use the 3 cu as either Studio or Art History credit was introduced to accommodate Professor Mary Longman who teaches both Art History and Studio in Sculpture/Extended Media. The Department eventually realized that students were not using the option and/or that the option may simply be drawing students away from Art History classes.

#### **ART 236.3 Extended Media II A**

Change to Note:

Old Note: This course can be used toward either studio or Art History requirements in Art degree programs. This course is not offered every year.

New Note: This course is not offered every year.

Rationale: See ART 141 above.

#### **ART 237.3 Extended Media II B**

Change to Note:

Old Note: This course can be used toward either studio or Art History requirements in Art degree programs.

New Note: none

Rationale: See ART 141 above.

## DIVISION OF SCIENCE

### Anatomy & Cell Biology

#### Minor Program Revisions

#### Bachelor of Science Honours, Double Honours, Four-year and Three-year in Anatomy & Cell Biology

Add PHSI 208.6 as an alternate option to BIOL/BMSC 224.3

#### Bachelor of Science Four-year (B.Sc. Four-year) - Anatomy & Cell Biology

##### C6 Major Requirement (60-63 credit units)

- [ACB 310.3](#)
- [ACB 325.3](#)
- [ACB 330.3](#)
- [ACB 331.3](#)
- [BIOL 224.3/BMSC 224.3](#) or PHSI 208.6
- [BIOL 226.3](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

##### C7 Electives Requirement (18-21 credit units)

#### Bachelor of Science Three-year (B.Sc. Three-year) - Anatomy & Cell Biology

##### C6 Major Requirement (42-45 credit units)

- [ACB 310.3](#)
- [ACB 325.3](#)
- [ACB 330.3](#)
- [ACB 331.3](#)
- [BIOL 224.3/BMSC 224.3](#) or PHSI 208.6
- [BIOL 226.3](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)

- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (9-12 credit units)**

#### **Bachelor of Science Honours (B.Sc. Honours) - Anatomy & Cell Biology**

### **C6 Major Requirement (60-63 credit units)**

- [ACB 310.3](#)
- [ACB 325.3](#)
- [ACB 330.3](#)
- [ACB 331.3](#)
- [ACB 405.3](#)
- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BIOL 226.3](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (18-21 credit units)**

#### **Bachelor of Science Double Honours - Anatomy & Cell Biology and Biochemistry - Specializations 1 and 2**

### **C6 Major Requirement (72-75 credit units)**

- [ACB 310.3](#)
- [ACB 325.3](#)
- [ACB 330.3](#)
- [ACB 331.3](#)
- [ACB 405.3](#)
- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BIOL 226.3](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [BIOC 311.3](#)

- [BIOC 430.3](#) or [BIOC 436.3](#)
- [BIOC 490.0](#) (attendance in [BIOC 490.0](#) is required in both term 1 and 2)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (6-9 credit units)**

### **Bachelor of Science - Double Honours - Anatomy & Cell Biology and Microbiology & Immunology - Specializations 1 and 2**

### **C6 Major Requirement (72-75 credit units)**

- [ACB 310.3](#)
- [ACB 325.3](#)
- [ACB 330.3](#)
- [ACB 331.3](#)
- [ACB 405.3](#)
- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BIOL 226.3](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 391.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)
- [MCIM 490.0](#)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (6-9 credit units)**

Rationale: Our undergraduate ACB B.Sc. degree programs as noted above currently require completion of BIOL 224.3 or BMSC 224.3 (Animal Body Systems). A number of students in our program would prefer to take PHSI 208.6 (Human Body Systems) in lieu of BIOL 224.4/BMSC 224.3 because PHSI 208.6 is a prerequisite for subsequent admission into certain health science professional programs like Physical Therapy, Occupational Therapy etc. at the U of S and other institutions. PHSI 208.6 covers a similar breadth of topics as BIOL 224.3/BMSC 224.3; however there is greater focus in PHSI 208.6 on human physiology. Any students who take PHSI 208.6 in

lieu of BIOL 224.3/BMSC 224.3 will be equally well prepared to subsequently take upper level ACB courses and elective PHPY courses in our program.

As the Degree Works program cannot correctly interpret the proposed range of required credit units for the affected degree requirements, the programs will be scribed to show the lower C6 value and the higher C7 value. For students who choose PHSI 208.6, 3 credit units will be used to fulfill C6 and 3 credit units will be used to fulfill C7. Standard practice in the College of Arts & Science is to include in the major average all courses which may be used to fulfill a major requirement, even if more courses than the minimum for the major requirement are taken. As such, all 6 credit units of PHSI 208.6 will be included in the major average, regardless of its placement in Degree Works.

### **Minor Course Revisions**

#### **ACB 334.3 Introductory Neuroanatomy**

Change to lecture hours from (2L-2P) to (3L-2P).

Rationale: Currently, the lectures for ACB 334 take place on Mondays and Thursdays from 1:30pm - 2:20pm, and the lab takes place on Wed. from 1:30pm - 3:30pm. Over the years, students have asked us why there are only 2 vs. 3 hours of lecture per week, as they feel they need the extra class time to learn this difficult material. We don't plan on increasing the volume of material presented to the students - we just plan on changing the time the course is offered (to Tues/Thurs. 11:30am-12:50pm) to allow more time for questions and small group activities to reinforce lecture material. This change will also allow us to house 1st year Dentistry students in the lecture portion of the class, as with the upcoming new changes to the Medical School curriculum they will no longer be able to take neuroanatomy with the medical students.

### **Biochemistry**

#### **Minor Program Revisions**

#### **Bachelor of Science Honours, Double Honours, Four-year and Three-year in Biochemistry**

Add PHSI 208.6 as an alternate option to BIOL/BMSC 224.3

#### **Bachelor of Science Four-year (B.Sc. Four-year) - Biochemistry**

#### **C6 Major Requirement (54-57 credit units)**

- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BIOC 300.3](#)
- [BIOC 310.3](#)

- [BIOC 311.3](#) or [MCIM 391.3](#)
- [BIOC 412.3](#)
- [BIOC 430.3](#) or [BIOC 435.3](#)
- [BIOC 436.3](#)
- [BIOC 490.0](#) (attendance in [BIOC 490.0](#) is required in both term 1 and 2)
- [BINF 200.3](#) or [BINF 210.3](#)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (24-27 credit units)**

## **Bachelor of Science Three-year (B.Sc. Three-year) - Biochemistry**

### **C6 Major Requirement (36-39 credit units)**

- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BIOC 300.3](#)
- [BIOC 310.3](#) or [BIOC 311.3](#) or [MCIM 391.3](#)
- [BINF 200.3](#) or [BINF 210.3](#)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (15-18 credit units)**

## **Bachelor of Science Honours (B.Sc. Honours) - Biochemistry**

### **C6 Major Requirement (60-63 credit units)**

- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [BIOC 311.3](#) or [MCIM 391.3](#)
- [BIOC 412.3](#)



- [BIOC 430.3](#) or [BIOC 435.3](#)
- [BIOC 436.3](#)
- [BIOC 489.6](#)
- [BIOC 490.0](#) (attendance in [BIOC 490.0](#) is required in both term 1 and 2)
- [BINF 200.3](#) or [BINF 210.3](#)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (18-21 credit units)**

## **Bachelor of Science Double Honours - Biochemistry and Anatomy & Cell Biology - Specializations 1 and 2**

### **C6 Major Requirement (72-75 credit units)**

- [ACB 310.3](#)
- [ACB 325.3](#)
- [ACB 330.3](#)
- [ACB 331.3](#)
- [ACB 405.3](#)
- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BIOL 226.3](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [BIOC 311.3](#)
- [BIOC 430.3](#) or [BIOC 436.3](#)
- [BIOC 490.0](#) (attendance in [BIOC 490.0](#) is required in both term 1 and 2)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (6-9 credit units)**

## **Bachelor of Science Double Honours - Biochemistry and Microbiology and Immunology - Specializations 1 and 2**

### **C6 Major Requirement (72-75 credit units)**

- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)

- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [BIOC 311.3](#) or [MCIM 391.3](#)
- [BIOC 490.0](#) (attendance in [BIOC 490.0](#) is required in both term 1 and 2)
- [CHEM 250.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)
- [MCIM 490.0](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (6-9 credit units)**

Rationale: Professional programs on campus are transitioning to a requirement for 6cu of human physiology (PHSI 208.6) for admission instead of the current 3cu of animal physiology (BMSC/BIOL 224.3). In order to reduce the restrictions on program availability and requirements for overlapping courses Biochemistry is revising the B.Sc. 3-year, 4-year, honors, BIOC/ACB double honors, BIOC/MCIM double honors, BIOC/BTEC 4-year and BIOC/BTEC honors to state that BMSC/BIOL 224.3 **or** PHSI 208.6 may be used in the C6 requirements with the 0-3 credit change made by reducing the C7 electives.

As the Degree Works program cannot correctly interpret the proposed range of required credit units for the affected degree requirements, the programs will be scribed to show the lower C6 value and the higher C7 value. For students who choose PHSI 208.6, 3 credit units will be used to fulfill C6 and 3 credit units will be used to fulfill C7. Standard practice in the College of Arts & Science is to include in the major average all courses which may be used to fulfill a major requirement, even if more courses than the minimum for the major requirement are taken. As such, all 6 credit units of PHSI 208.6 will be included in the major average, regardless of its placement in Degree Works.

## **Biochemistry & Biotechnology**

### **Minor Program Revisions**

### **Bachelor of Science Honours and Four-year in Biochemistry & Biotechnology**

Add PHSI 208.6 as an alternate option to BIOL/BMSC 224.3

### Bachelor of Science Four-year (B.Sc. Four-year) - Biochemistry & Biotechnology

#### C6 Major Requirement (60-63 credit units)

- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOL 224.3/BMSC 224.3](#) or PHSI 208.6
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [BIOC 311.3](#) or [MCIM 391.3](#)
- [BIOC 412.3](#)
- [BIOC 436.3](#)
- [BIOC 490.0](#)
- [BINF 200.3](#) or [BINF 210.3](#)
- [BIOL 226.3](#)
- [CHEM 250.3](#)
- [PHIL 236.3](#) (may be used in distribution requirement C5)

*Remainder of C6 is unchanged.*

#### C7 Electives Requirement (18-21 credit units)

### Bachelor of Science Honours (B.Sc. Honours) - Biochemistry & Biotechnology

#### C6 Major Requirement (66-69 credit units)

- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOL 224.3/BMSC 224.3](#) or PHSI 208.6
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [BIOC 311.3](#) or [MCIM 391.3](#)
- [BIOC 412.3](#)
- [BIOC 436.3](#)
- [BIOC 489.6](#)
- [BIOC 490.0](#)
- [BINF 200.3](#) or [BINF 210.3](#)
- [BIOL 226.3](#)

- [CHEM 250.3](#)
- [PHIL 236.3](#) (may be used in distribution requirement C5)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (12-15 credit units)**

Rationale: See Biochemistry above.

#### **Biology**

##### **Minor Course Revisions**

##### **BIOL 224.3 Animal Body Systems**

Change to Note:

Old Note: BIOL 121 is strongly recommended. Students with credit for BIOL 203 or BIOL 217 or HSC 208 or PHSI 208 or BMSC 224 will not receive credit for BIOL 224.

New Note: BIOL 121 is strongly recommended. Students with credit for BIOL 203 or BIOL 217 or BMSC 224 or HSC 208 will not receive credit for BIOL 224. Students with credit for PHSI 208 may not subsequently receive credit for BIOL 224. Students may receive credit for both of BIOL 224 and PHSI 208 only if BIOL 224 is completed first. BIOL 224 and PHSI 208 may not be taken concurrently.

#### **Biomedical Sciences**

##### **Minor Course Revisions**

##### **BMSC 210.3 Microbiology**

Prerequisite change:

Old prerequisite: BIOL 120; BMSC 200.

New prerequisite: BIOL 120

New pre or co-requisite: BMSC 200

Rationale: Due to increasing class size the department wishes to offer an additional section of BMSC 210.3 in Term 1 (currently offered only in Term 2). For this change to be effective in alleviating the large enrollment in term 2, we feel it will be necessary to alter the current prerequisite requirement of BMSC 200.3 to a corequisite to ensure our targeted students are able to have the option to enroll in term 1. We also anticipate that adding a second offering in term 1 will have the benefit of allowing students with more flexibility in designing their schedules, as notably, of the six BMSC courses, four currently offer multiple sections. Students will be adequately prepared for BMSC 210 if BMSC 200 is taken concurrently.

##### **BMSC 224.3 Animal Body Systems**

Change to Note:

Old Note: Students with credit for BIOL 203 or BIOL 217 or BIOL 224 or HSC 208 or PHSI 208 will not receive credit for BMSC 224.

New Note: Students with credit for BIOL 203 or BIOL 217 or BMSC 224 or HSC 208 will not receive credit for BMSC 224. Students with credit for PHSI 208 may not subsequently receive credit for BMSC 224. Students may receive credit for both of BMSC 224 and PHSI 208 only if BMSC 224 is completed first. BMSC 224 and PHSI 208 may not be taken concurrently.

## **Biotechnology, Microbiology & Immunology**

### **Minor Program Revisions**

#### **Bachelor of Science Honours and Four-year in Biotechnology, Microbiology & Immunology**

Add PHSI 208.6 as an alternate option to BIOL/BMSC 224.3

#### **Bachelor of Science Four-year (B.Sc. Four-year) - Biotechnology, Microbiology & Immunology**

##### **C6 Major Requirement (63-66 credit units)**

- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 391.3](#) or [BIOC 311.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)

*Remainder of C6 is unchanged.*

##### **C7 Electives Requirement (15-18 credit units)**

*Content of C7 is unchanged.*

#### **Bachelor of Science Honours (B.Sc. Honours) - Biotechnology, Microbiology & Immunology**

### C6 Major Requirement (72-75 credit units)

- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 391.3](#) or [BIOC 311.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)

*Remainder of C6 is unchanged.*

### C7 Electives Requirement (6-9 credit units)

*Content of C7 is unchanged.*

Rationale: See Biochemistry above.

## **Microbiology & Immunology**

### **Minor Program Revisions**

#### **Bachelor of Science Honours, Double Honours, Four-year and Three-year in Microbiology & Immunology**

Add PHSI 208.6 as an alternate option to BIOL/BMSC 224.3

### **Bachelor of Science Four-year (B.Sc. Four-year) - Microbiology & Immunology**

### **C6 Major Requirement (51-54 credit units)**

- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)

- [MCIM 391.3](#) or [BIOC 311.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (27-30 credit units)**

*Content of C7 is unchanged.*

## **Bachelor of Science Honours (B.Sc. Honours) - Microbiology & Immunology**

### **C6 Major Requirement (60-63 credit units)**

- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 391.3](#) or [BIOC 311.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)
- [MCIM 490.0](#)

*Remainder of C6 is unchanged.*

### **C7 Electives Requirement (18-21 credit units)**

*Content of C7 is unchanged.*

## **Bachelor of Science Three-year (B.Sc. Three-year) - Microbiology & Immunology**

### **C6 Major Requirement (33-36 credit units)**

- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)

- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 391.3](#) or [BIOC 311.3](#)

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

- *No change to list of courses*

### C7 Electives Requirement (18-21 credit units)

*Content of C7 is unchanged.*

## Bachelor of Science - Double Honours - Microbiology & Immunology and Anatomy & Cell Biology - Specializations 1 and 2

### C6 Major Requirement (72-75 credit units)

- [BIOL 224.3](#)/[BMSC 224.3](#) or [PHSI 208.6](#)
- [ACB 310.3](#)
- [ACB 325.3](#)
- [ACB 330.3](#)
- [ACB 331.3](#)
- [ACB 405.3](#)
- [BIOL 226.3](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 391.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)
- [MCIM 490.0](#)
- [CHEM 250.3](#)

*Remainder of C6 is unchanged.*

### C7 Electives Requirement (6-9 credit units)



## Bachelor of Science Double Honours - Microbiology & Immunology and Biochemistry - Specializations 1 and 2

### C6 Major Requirement (72 -75 credit units)

- [BIOL 224.3/BMSC 224.3](#) or [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [BIOC 300.3](#)
- [BIOC 310.3](#)
- [BIOC 311.3](#) or [MCIM 391.3](#)
- [BIOC 490.0](#) (attendance in [BIOC 490.0](#) is required in both term 1 and 2)
- [CHEM 250.3](#)
- [MCIM 321.3](#)
- [MCIM 326.3](#)
- [MCIM 390.3](#)
- [MCIM 416.3](#)
- [MCIM 417.3](#)
- [MCIM 423.3](#)
- [MCIM 487.3](#)
- [MCIM 490.0](#)

*Remainder of C6 is unchanged.*

### C7 Electives Requirement (6-9 credit units)

Rationale: See Biochemistry above.

#### **Minor Course Revisions**

##### **MCIM 417.3 Molecular Virology**

Change course hours from (3L) to (3L-1.5T alt weeks).

New course description: Concepts in the molecular biology of Viruses are considered. The course covers molecular biological themes common to the life cycles of all viruses, including virion structure, virus entry, gene expression, genome replication, assembly, release, and virus-host interactions. In addition, representative members of animal virus families are used as models to illustrate specific viological events and modern methods to study viruses.

Rationale: An informal tutorial has been offered for the past 2 years and is scheduled when most students are free, but in many instances not all students are able to attend. Adding an official

tutorial will allow for this to be scheduled at a regular time which students will be aware of when they register for the course.

## **Physiology & Pharmacology**

### **Minor Program Revisions**

#### **Bachelor of Science Honours, Four-year and Three-year in Physiology & Pharmacology**

Add PHSI 208.6 as an alternate option to BIOL/BMSC 224.3

### **Bachelor of Science Four-year (B.Sc. Four-year) - Physiology & Pharmacology**

#### **C6 Major Requirement (54 - 57 credit units)**

[PHPY 401.3](#) is a recommended, optional course.

- [BIOL 224.3/BMSC 224.3](#) **or** [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [HSC 350.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 402.3](#)
- [PHPY 403.3](#)
- [PHPY 404.3](#)
- [PHPY 405.3](#)
- [PHPY 490.0](#)

#### **C7 Electives Requirement (24 - 27 credit units)**

*Content of C7 is unchanged.*

### **Bachelor of Science Three-year (B.Sc. Three-year) - Physiology & Pharmacology**

#### **C6 Major Requirement (36 - 39 credit units)**

- [BIOL 224.3/BMSC 224.3](#) **or** [PHSI 208.6](#)
- [BMSC 200.3](#)

- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [HSC 350.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)

**C7 Electives Requirement (15 - 18 credit units)**

*Content of C7 is unchanged.*

**Bachelor of Science Honours (B.Sc. Honours) - Physiology & Pharmacology**

**C6 Major Requirement (54 - 57 credit units)**

[PHPY 401.3](#) is a recommended, optional course.

- [BIOL 224.3/BMSC 224.3](#) **or** [PHSI 208.6](#)
- [BMSC 200.3](#)
- [BMSC 210.3](#)
- [BMSC 220.3](#)
- [BMSC 230.3](#)
- [BMSC 240.3](#)
- [HSC 350.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 306.3](#)
- [PHPY 307.3](#)
- [PHPY 432.6](#)
- [PHPY 490.0](#)

*Remainder of C6 is unchanged.*

**C7 Electives Requirement (24 - 27 credit units)**

*Content of C7 is unchanged.*

Rationale: See Biochemistry above.

## **Minor Course Revisions**

### **PHSI 208.6 Human Body Systems**

Change to restriction: Remove restriction that currently allows only students in the College of Pharmacy and Nutrition and the College of Nursing to take this course. Qualified students in all colleges will now be able to register. Students will be allowed to receive credit for both BIOL/BMSC 224.3 and PHSI 208.6 only if BIOL/BMSC 224.3 is completed first. The two courses may not be taken concurrently.

### **HSC 350.6 Fundamental Neuroscience Neural Systems**

Prerequisite change:

Old prerequisite: BMSC 224.3 or BIOL 224.3 or permission of the course coordinator.

New prerequisite: BMSC 224.3 or BIOL 224.3 or PHSI 208.6, or permission of the instructor.

Rationale: With the registration restrictions on PHSI 208 lifted, students may now choose either of BIOL/BMSC 224 or PHSI 208 and be appropriately prepared for the material covered in this course.

### **PHPY 301.3 Fundamental Neuroscience Intercellular Communication**

Prerequisite change:

Old prerequisite: BMSC 224.3 or BIOL 224.3 or permission of the instructor.

New prerequisite: BMSC 224.3 or BIOL 224.3 or PHSI 208.6, or permission of the instructor.

Rationale: See HSC 350.6 above.

### **PHPY 302.3 Human Physiology Transport Systems**

Prerequisite change:

Old prerequisite: BMSC 224.3 or BIOL 224.3 or permission of the instructor.

New prerequisite: BMSC 224.3 or BIOL 224.3 or PHSI 208.6, or permission of the instructor.

Rationale: See HSC 350.6 above.

### **PHPY 303.3 Human Physiology Reproduction Growth and Energy Homeostasis**

Prerequisite change:

Old prerequisite: BMSC 224.3 or BIOL 224.3 or permission of the instructor.

New prerequisite: BMSC 224.3 or BIOL 224.3 or PHSI 208.6, or permission of the instructor.

Rationale: See HSC 350.6 above.

### **PHPY 304.3 Pharmacology I**

Prerequisite change:

Old prerequisite: BMSC 224.3 or BIOL 224.3 or permission of the instructor.

New prerequisite: BMSC 224.3 or BIOL 224.3 or PHSI 208.6, or permission of the instructor.

Rationale: See HSC 350.6 above.

### **PHPY 306.3 Physiology Laboratory**

Prerequisite change:

Old prerequisite: BMSC 224.3 (or BIOL 224.3) or permission of the instructor.

New prerequisite: BMSC 224.3 or BIOL 224.3 or PHSI 208.6, or permission of the instructor.

Rationale: See HSC 350.6 above.

## **Science (Type C) Programs**

### **Minor Program Revisions**

#### **Bachelor of Science (B.Sc.) programs**

Change C2 Humanities Writing Requirement to include recently approved 100-level courses in History, and to include PHIL 115.3.

### **C2 Humanities Writing Requirement (6 credit units)**

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

- [ENG 110.6](#)
- [ENG 111.3](#)
- [ENG 112.3](#)
- [ENG 113.3](#)
- [ENG 114.3](#)
- [HIST 110.3](#)
- [HIST 111.3](#)
- **HIST 115.3** (History Matters: Ideas and Culture)

- [HIST 120.6](#)
- [HIST 121.3](#)
- [HIST 122.3](#)
- [HIST 125.3](#) (History Matters: Indigenous Colonial and Post-colonial Histories)
- [HIST 135.3](#) (History Matters: Gender, Sex and Society)
- [HIST 145.3](#) (History Matters: War, Violence and Politics)
- [HIST 151.3](#)
- [HIST 152.3](#)
- [HIST 155.3](#) (History Matters: Science and Environment)
- [HIST 165.3](#) (History Matters: Health and Society)
- [HIST 170.6](#)
- [HIST 175.3](#) (History Matters: Identities and Communities in Transition)
- [INTS 101.12](#)
- [LIT 100.6](#)
- [PHIL 110.6](#)
- [PHIL 115.3](#) (Introductory Indigenous Philosophy)
- [PHIL 120.3](#)
- [PHIL 133.3](#)

Rationale: The Department of History introduced 7 new 100-Level courses in the November 2013 Challenge, which are expected to replace the existing courses over the next few years. These courses uphold the same standard for writing as the existing 100-level HIST courses.

The Department of Philosophy has requested that PHIL 115.3: Introductory Indigenous Philosophy (submitted to the College Challenge in November 2011) be added to the C2 requirement. This course has an equivalent writing requirement to PHIL 120 and 133, which are included in the C2 list.

## **DIVISION OF SOCIAL SCIENCES**

### **Environment & Society**

#### **Minor Program Revisions**

#### **Bachelor of Arts and Science Honours and Four-year in Environment & Society**

Add TOX 200.3 to the list of restricted electives in J3, Category A.

#### **J3 Major Requirement (63 credit units)**

Some senior courses may require prerequisites that are not listed among the required courses.

- [GEOG 222.3](#)
- [GEOG 280.3](#)
- [GEOG 302.3](#)
- [GEOG 322.3](#)
- [ENVS 401.3](#)

**Science (24 senior credit units)**

At least 9 credit units from the following two categories must be at the 300 level or above.

**Category A**

Principles of the Physical Environment (21 credit units)

- [TOX 200.3](#) or [TOX 301.3](#)
- [EVSC 203.3](#)

**Hydrology**

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Rationale: TOX 200.3 is a sensible addition to J3 for several reasons: 1) will alleviate the persistent difficulty ENSO students encounter in trying to register in TOX 301 because of high student demand; 2) the relevance of the course materials presented in TOX 200.3 in facilitating student's understanding of the impacts of industrial and environmental pollution on human societies; and 3) as a natural bridge to issues of environmental stewardship examined in GEOG 351, 381, 386 and BIOL 312.

**Environmental Earth Sciences****Minor Program Revisions****Bachelor of Science Honours and Four-year in Environmental Earth Sciences****Bachelor of Science Four-year (B.Sc. Four-year) - Environmental Earth Sciences****C6 Major Requirement (54 credit units)**

At least 9 credit units in the major at the 300-level or higher.

- [EVSC 220.3](#)
- [SLSC 313.3](#) or [SLSC 322.3](#)
- [GEOG 225.3](#)
- [GEOG 235.3](#)
- [GEOG 335.3](#)
- [GEOL 224.3](#)
- [GEOL 229.3](#)
- [GEOL 245.3](#)
- [GEOL 258.3](#)
- [GEOG 290.3](#) or [GEOG 390.3](#) or [GEOL 308.3](#)

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

- [EVSC 203.3](#)
- [EVSC 210.3](#)
- [EVSC 371.3](#)
- [EVSC 420.3](#)
- ~~FABS 360.3~~
- [GEOG 222.3](#)
- [GEOG 233.3](#)
- [GEOG 271.3](#)
- ~~GEOG 290.3~~
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 427.3](#)
- ~~GEOG 435.3~~
- ~~GEOG 490.3~~
- [GEOE 475.3](#)
- [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](#)
- [GEOL 490.3](#)
- [GEOL 492.6](#)
- [SLSC 232.3](#) (formerly [SLSC 332.3](#))
- [SLSC 480.3](#)
- ~~TOX 301.3~~

### 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](#)



- [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.](#)~~

### Open Electives (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 Four-year program, of which at least 66 must be at the 200-level or higher.

### Bachelor of Science Honours (B.Sc Honours) - Environmental Earth Sciences

#### C6 Major Requirement (54 credit units)

At least 18 credit units in the major at the 300-level or higher.

- [EVSC 220.3](#)
- [SLSC 313.3](#) or [SLSC 322.3](#)
- [GEOG 225.3](#)
- [GEOG 235.3](#)
- [GEOG 335.3](#)
- [GEOL 224.3](#)
- [GEOL 229.3](#)
- [GEOL 245.3](#)
- [GEOL 258.3](#)
- ~~[GEOG 290.3](#)~~ or [GEOG 390.3](#) or [GEOL 308.3](#)

Choose **18 to 21 credit units** from the following:

- [EVSC 203.3](#)
- [EVSC 210.3](#)
- [EVSC 371.3](#)

- [EVSC 420.3](#)
- ~~FABS 360.3~~
- [GEOG 222.3](#)
- [GEOG 233.3](#)
- [GEOG 271.3](#)
- ~~GEOG 290.3~~
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 427.3](#)
- ~~GEOG 435.3~~
- [GEOE 475.3](#)
- [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](#)
- [SLSC 232.3](#) (formerly [SLSC 332.3](#))
- [SLSC 480.3](#)
- ~~TOX 301.3~~

### Honours project/thesis

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

- [GEOG 490.3](#) or [GEOL 490.3](#) or [GEOL 492.6](#)

### 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~~

- [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 301.3](#)~~

### Open Electives (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 Honours program, of which at least 66 must be at the 200-level or higher.

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

Rationale: The proposed revisions are intended to address several issues simultaneously:

- 1) As APEGS knowledge standards require a field course we wanted to ensure that students could meet the standard through GEOG 290 in the event that GEOG 390 was discontinued (faculty member retirement). Furthermore, GEOG 290 (but not GEOG 390) is required in the Specialization in Water Science. By moving GEOG 290 up to the list of required courses in the EES program, we are making it easier for EES students to pursue the Specialization in Water Science as part of their degree programs.
- 2) Delete courses no longer required in the major per standards for geoscientists approved by APEGS Council in 2010.
  - a. Under C6: Delete EVSC 320, FABS 360, GEOG 435
  - b. Under C7: Delete BIOL 373 (this action helps to differentiate EES from Environmental Biology); CHEM 221, 231, 242, 344, 377; and MATH 226, 238, 266
- 3) Minimize internal barriers to student enrolment in required cognate courses.
  - a. Move TOX 301 from list of restricted electives under C6 to list of restricted electives under C7 Required Cognate Courses.

- b. Under C7, move BIOL 412 from list of required courses to list of restricted electives.
  - c. Under C7, add TOX 200.3.
  - d. Recurring difficulties with registration of EES students in BIOL 412 and TOX 301 (high demand courses) contributes to delays in program completion. Both BIOL 412 and TOX 301 are retained in the program and continue to be available to EES students when they are able to register in these courses. The addition of TOX 200.3 will provide majors with a greater course selection.
- 4) Harmonize the EES curriculum with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) General Knowledge and Experience (GKE) requirements for professional registration of environmental geoscientists.
    - a. Under C7: Add BLE 432 to the list of restricted electives; add BLE 481 and GEOG 386 as relevant environmental assessment courses to satisfy the knowledge requirements under "environmental assessment" as stipulated in the APEGS GKE.
  - 5) Harmonize curricula for the BSc in EES and the Specialization in Water Science to facilitate simultaneous completion of both programs. This Specialization is a desirable credential for students in environmental programs.
    - a. BIOL 412 and BLE 432 are both relevant for this program and are also included in the restricted electives for the Specialization in Water Science.

## **International Studies**

### **Minor Program Revisions**

#### **Bachelor of Arts Honours and Four-year in International Studies**

Add WGST 411.3 (Situated Transnational Feminisms) to the list of restricted electives in B6.

### **Bachelor of Arts (B.A. Four-year) - International Studies**

#### **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**

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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 488.3](#)
- [NRTH 321.3](#)
- [NRTH 322.3](#)
- [NRTH 331.3](#)
- [NRTH 332.3](#)
- [NS 366.6](#)
- [POLS 246.6](#)
- [POLS 341.3](#)
- [POLS 342.3](#)
- [POLS 375.3](#)
- [POLS 461.3](#)
- [RLST 233.3](#)
- [SOC 205.3](#)
- **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](#)

### **B7 Electives Requirement (24 credit units)**

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

### **B6 Major Requirement (63 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**

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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 488.3](#)
- [NRTH 321.3](#)
- [NRTH 322.3](#)
- [NRTH 331.3](#)
- [NRTH 332.3](#)
- [NS 366.6](#)
- [POLS 246.6](#)
- [POLS 341.3](#)
- [POLS 342.3](#)
- [POLS 375.3](#)
- [POLS 461.3](#)
- [RLST 233.3](#)
- [SOC 205.3](#)
- **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: This course was previously included in the IS streams and was inadvertently left out of the single stream program in the recent revisions.

### **Native Studies**

**New Course(s)**

### **CREE 110.3 nehiyawetan Let Us Speak Cree**

(2L-1P) Presents the elements of the grammar and vocabulary of Cree as spoken in central Canada and will introduce the oral literary tradition associated with it. Its objective will be to develop elementary competence in the language and a basic acquaintance with Cree culture and traditions.

Note: This course will begin with an activity to ensure students can use required electronic devices (see “required devices” below) as required to throughout the semester. Students will work with the Cree Sound System and learn how to read and pronounce the Cree words given throughout. The course will cover: nouns, verbs, pronouns, asking questions and responding, conjugating verbs, time, numbers, and basic sentence structure. Students will be expected to familiarize themselves with Cree and/or Aboriginal Language and Culture resources within their community.

Rationale: The Department of Native Studies is in the process of turning all of its 6 cu courses into 3 cu courses and part of this process is changing CREE 101.6 into two new courses (i.e. CREE 110.3 and CREE 111.3. The second of these is currently in development and will be proposed when complete.)

### **Minor Course Revisions**

#### **NS 107.3 Introduction to Canadian Native Studies**

Change in Catalogue Term Hour listing, from (3L-1S) to (3L-1S alt weeks)

New Course Description: This course aims to develop the reading, writing, and critical thinking skills of students and provides the background necessary for taking advanced Native Studies courses. It presents an overview of Aboriginal societies in Saskatchewan and Canada through course lectures, seminar discussions and experiential learning activities, that link processes of the past with contemporary Aboriginal life and issues. The course material will be delivered in 6 modules. Each module will cover a two-week period and will be taught by a faculty member of the Department of Native Studies. The modules will cover topics such as: Aboriginal Peoples in Saskatchewan, stages of colonization, pre- and post-contact periods, Aboriginal kinship systems, the fur trade, the Treaties, the Indian Act, residential schools, Metis nationhood and land issues, the Federal White Paper Policy (1969), Bill C-31 (1985), Aboriginal rights, Aboriginal land claims, Aboriginal economic development, Aboriginal urbanization and Aboriginal gender issues.

New Note: All students in this course will participate in an experiential learning activity which will require 3-5 hours to complete.

Rationale: NS 107.3 generally has around 300 students per term and is very difficult for one faculty member to manage. Hence, having the faculty each teach one two week module in the course makes it much more manageable. Students will also get the benefit of being exposed to the range of faculty expertise in the Department. Native Studies is also formalizing the experiential learning activities, which have been an informal part of the course in the past.

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## 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.

### Classical, Medieval & Renaissance Studies

#### Minor Program Revisions

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

Under Period Requirements, "Later Middle Ages and Renaissance" (Honours and Four-year only):

- add ENG 312.3 Early Chaucer Dream and Romance Tragedy
- add ENG 326.3 Renaissance Epic

Under Areas of Concentration, "History & Archaeology":

- add CMRS 433.3 Advanced Manuscript Studies [note: If the object of study is a historical document]

Under Areas of Concentration, "Literature, Fine Arts, and Language":

- add ENG 312.3 Early Chaucer Dream and Romance Tragedy
- add ENG 326.3 Renaissance Epic
- add CMRS 433.3 Advanced Manuscript Studies [note: If the object of study is a literary document]

Under Classical, Medieval, and Renaissance Studies Elective, under sub-heading "History & Archaeology" (Honours and Four-year only):

- add CMRS 433.3 Advanced Manuscript Studies [note: If the object of study is a historical document]

Under Classical, Medieval, and Renaissance Studies Elective, under sub-heading "Literature, Fine Arts, and Language" (Honours and Four-year only):

- add ENG 312.3 Early Chaucer Dream and Romance Tragedy
- add ENG 326.3 Renaissance Epic
- add CMRS 433.3 Advanced Manuscript Studies [note: If the object of study is a literary document]

Rationale: ENG 312.3 Early Chaucer Dream and Romance Tragedy and ENG 326.3 Renaissance Epic are new courses that fit perfectly into our period and subject areas in CMRS. The later replaces a course that was deleted.

CMRS 433.3 Advanced Manuscript Studies is a dedicated CMRS course. The added notes are in recognition of the fact that the manuscript being studied might fall most properly under a "history & Archaeology" subject heading or a "literature" subject heading.



## **English**

### **Minor Program Revisions**

#### **Bachelor of Arts Honours in English**

Add INCC 201.3 Dynamics of Community Involvement to the list of courses eligible to fulfill Category 5 (Media, Culture, and Community) A6 Major Requirements.

Rationale: This course was developed and is usually taught by a member of the Department of English, Nancy Van Styvendale. Allowing it to be taken for 200-level English credit means that English majors will now have the opportunity to fulfill the "community" part of our "Media, Culture, and Community" Category 5; other classes now allowed for credit address this part of the category only tangentially. The course has a strong reading and writing component and thus gives students the opportunity to gain the skills required for a 200-level English class. Additionally, many of the community placements involve literacy and publishing.

## **Music**

### **Minor Course Revisions**

#### **EMUS 448.3 Instrumental Music Teaching in the Secondary School**

Prerequisite change:

Old prerequisite: MUS 234

New prerequisite: MUST 234 and MUS 325

Rationale: In EMUS 448, students are required to demonstrate knowledge in preparing musical scores, create and execute lesson plans, and provide critical and reflective commentary on their own classroom pedagogy. These aspects of the course will be more thoroughly informed if they successfully complete MUS 325 (Introduction to Conducting), thus making EMUS 448 a more effective and meaningful course. The knowledge gained through basic ensemble conducting technique will provide greater context for the information gathered in EMUS 448.

## **College of Graduate Studies and Research**

### **Community Health and Epidemiology**

#### **New Course**

#### **CHEP 815.3 – Food Systems and Community Health**

Community Health and Epidemiology 814 is an introductory graduate level course on food systems and community health. The emphasis is on understanding the links between the modern industrialized food system, its alternatives and community and population health.

The course provides a critical introduction to food systems, both the dominant industrial one and its alternatives. The course will cover topics related to the environmental, social, and health impacts of food systems, and will provide real-world experiences that will allow students to contribute to an on-going food system initiative that aims to improve community health. Students will learn through lectures, small group exercises and presentations, class discussion, media, community-service learning and assignments.

**Rationale:** This course covers broadly how the food system is organized and its major strengths and challenges, all with a focus on the health of communities. This is an area of research that is growing rapidly. For example, I have noticed a rapid growth in peer-reviewed journals (Journal of Hunger and Environmental Nutrition is one), as well as academic books being published on food system and health topics over the last few years. There are no other courses on the UofS campus that examine the world food system from a health perspective. I noticed this when I began my position, and started to offer this course on an interim basis in 2012. I have taught this course as an 898 for the last two years and the demand has been excellent, even with no advertising. The first year there were 6 students and the second 10 students. I have already received 4 requests for enrolment for 2014. My own graduate students typically study some aspect of the food system from a community health perspective and they have all been taking this course. I also discovered that quite a few of the MPH students have an interest in food systems and have a need for more elective that are relevant to their education. In addition, because the course also focuses on aspects of sustainability, there has been interest in the course from SENS students.

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## **Educational Foundations**

### **New Course**

#### **EFDT 857.3 – Critical Pedagogy, Neoliberalism, and the Environment**

**Prerequisites:** None.

**Description:** Students will learn about difficulties in enacting a societal change toward protecting the environment. The course addresses current threats to our natural world, including a political consciousness focused on the individual rather than the collective, in an era of extreme corporate power. Students will develop a pedagogy focused on these concerns.

**Rationale:** This course is part of the Masters of Education Critical Environmental Education Cohort based in the Department of Educational Foundations. The rationale for a course like this is to address one of the major obstacles in attaining an economy based on sustainable development, namely, neoliberalism. Neoliberalism is an economic paradigm focused on corporate profits that began its rise to prominence in many western nations in the 1980s. Its main tenets are privatizing the commons, deregulating industry, corporate tax cuts, and removing the collective bargaining rights of workers. It is the first two tenets that will be focused on in this course.

A key feature of neoliberalism is its effective weakening of the democratic process. With the current trend throughout western nations and beyond of electing governments committed to the neoliberal agenda, commonly accepted avenues for dissent are rendered useless. For example, in Canada the deregulation of Canada's fresh waters (See federal omnibus budget bills C-38 and C-45) led to the Idle No More movement, which emanated in Saskatchewan but became global in scope. The clash between the public and capital will be examined in light of the corporate tendency of treating nature as commodity, entirely produced and regulated by market forces, and

the calamities that ensue. Indigenous perspectives toward nature and a sustainable future will be included. In short, the course will focus on the tension between economic growth and a healthy environment, and whether a happy medium is attainable.

Citizens are concerned about the degradation of our natural world. They are also concerned about the catastrophes that result from deregulation of industry. Some of the relevant tragedies caused at least in part by deregulation that are covered in this course are the Lac Megantic train derailment/explosion (Quebec, 2013), the Deepwater Horizon Oil Spill (Gulf of Mexico, 2010), the Walkerton water tragedy (Ontario, 2000), and the Exxon-Valdez Oil Spill in William Straight (Alaska, 1989). In all but one of these cases, blame was placed on the employees. Class discussions will explore whether these events are caused by a few individuals or by systemic failure in the neoliberal paradigm (ie., deregulation).

As well, the increased frequency of superstorms in both the Pacific and Atlantic Oceans in recent years will be discussed in the context of climate change.

The course will also focus on the development of pedagogy that will address the democratic deficit in taking on neoliberalism and the havoc it wreaks on the environment. (Note: Readings will have to change on a regular basis as new information comes to light about environmental change or sustainable development.)

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## College of Law

### New Course(s)

#### **LAW 489.3 Tax Policy**

**Prerequisite or Co-requisite:** Law 477.3

**Description:** This seminar will focus on evaluating tax policies by examining their tax equity implications, social and economic consequences, and administrative feasibility. This seminar will provide students with the opportunity to engage in tax policy issues, resulting in a heightened appreciation of the social and economic implications of tax policy, an increased ability to evaluate tax policies, and a deeper understanding of technical tax law rules. Topics will include: (1) criteria for and methods of evaluating income tax policies; (2) theories of income; (3) the tax mix; (4) the use of the income tax system to implement tax expenditures; (5) the preferential treatment of certain groups and entities under the tax system; (6) the detrimental effects of taxes on certain segments of society or the economy the appropriate tax unit; and (7) taxation as a means to redistribute wealth.

Students in this seminar will be introduced a number of resources specifically designed for tax research and will be expected to use them to complete assignments. This seminar should be of interest to students who desire to practice tax law in a private firm or in government as well as those students interested, more generally, in the social and economic implications of tax law.

**Rationale:** To add to and complement the existing array of course offerings.

**Contact Person:** Instructor – Tamara Larre

**Consultation:** Consultation within the College

**Approval Date:** May 13, 2014