



Academic Programs Committee of Council University Course Challenge

Scheduled posting: September 2013

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Approval:

Date of circulation: September 16, 2013

Date of effective approval if no Challenge received: September 30, 2013

Next scheduled posting:

The next scheduled Challenge document posting will be in October 2013, with a submission deadline of October 15, 2013. Urgent items can be posted on request.

COLLEGE OF ARTS & 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

English

Course Deletion(s):

ENG 361.3 Literary Cultures in Contemporary Britain

Rationale: This course has not been taught since 2007-2008 and English no longer has the resources to offer it. This course was one option that could be used to fulfill the category 4 Major Requirement for the 4-year Honours BA in English, but many other options remain.

ENG 379.3 Modernist Writing and Contexts

Rationale: The course historically has not reached enrolment maximums, and the material in it can be adequately covered in 400-level seminars, e.g. in ENG 446.3 (Topics in Genres and

Contexts of Modern Literature). This course was one option that could be used to fulfill the category 4 Major Requirement for the 4-year Honours BA in English, but many other options remain.

Music

New Course(s)

MUS 485.3 Introduction to Shenkerian Analysis

1/2(3S) This seminar course examines both the analytical techniques and the cultural / philosophical backdrop for one of the most seminal figures in music theory, Heinrich Schenker (1868-1935). Schenker's comprehensive approach toward understanding and assessing the organizational principles central to tonal music revolutionized the field of music theory. Schenker's methodology is firmly entrenched in the field of music theory. The course requires prior knowledge of general analytical techniques—and in particular, skills that are acquired in the two-year music theory "core," and beyond. The seminar will carry a workload commensurate with similar fourth-year offerings at the U of S.

Prerequisite(s): MUS 234 and one of MUS 346, MUS 347, MUS 367, MUS 447 or MUS 457; or by approval of the department.

Instructor(s): Gregory Marion

Rationale: As stated in the calendar description (above), the seminar focuses on the analytical techniques and the cultural plus the philosophical backdrop for one of the most seminal figures in music theory. Schenker's comprehensive approach toward understanding and assessing the organizational principles behind tonal music revolutionized the field of music theory.

Schenkerian Analysis courses comprise a key component of music theory curricula at credible institutions both in Canada and in the USA. Were we not to offer such a course, we would be disadvantaging Department of Music students--and especially those with an academic and/or a performance focus. What is more, the course will stand as a bona fide seminar offering, one of the few seminars delivered departmentally. (This course has been offered twice as MUS 498, and is now being recreated as a permanent course.)

Women's & Gender Studies

Course Deletion(s):

WGST 410.3 Gender Sexualities and Culture – Senior Seminar

Rationale: This course was replaced by WGST 490 in the Women's and Gender Studies program, and is no longer needed.

DIVISION OF SCIENCE

Biology

Minor Program Revisions

Bachelor of Science Honours and Four-year in Environmental Biology

Required Cognates (C7): Remove EVSC 110 and CHEM 250.

Add GEOG 322.3 as an alternative to GEOG 222.3 (Four-year program only).

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

C7 Electives Requirement (45 credit units)

Required Cognate Courses (~~15~~ 9 credit units)

- ~~CHEM 250.3~~
- ~~EVSC 110.3~~
- GEOG 222.3 or GEOG 322.3
- GEOG 280.3
- GEOG 385.3 or RRM 114.3

Open Electives (~~30~~ 36 credit units)

A total of 120 credit units are required for this degree. At least 66 credit units must be at the 200 level or higher. Only Arts and Science courses, or those courses from other Colleges which have been approved for Arts and Science credit, may be used to fulfill this requirement.

Bachelor of Science Honours (B.Sc. Honours) - Environmental Biology

C7 Electives Requirement (27 credit units)

Required Cognate Courses (~~15~~ 9 credit units)

- ~~CHEM 250.3~~
- ~~EVSC 110.3~~
- GEOG 222.3 or GEOG 322.3
- GEOG 280.3
- GEOG 385.3 or RRM 114.3

Open Electives (~~12~~ 18 credit units)

A total of 120 credit units are required for this degree. At least 66 credit units must be at the 200-level or higher. Only Arts and Science courses, or those courses from other Colleges which have been approved for Arts and Science credit, may be used to fulfill this requirement.

Rationale: Experience has shown that most students enter the Environmental Biology program in their third year. As a result they are having some difficulty fitting in the program requirements within the last two years of the program. EVSC 110 and CHEM 250 are two courses creating the most difficulty. We think that removing these two courses from the C7 requirements will help student flow through the program, increase flexibility for students, and hopefully increase enrollment in the program. This is especially true for the Honours program which also has a research requirement in the program's fourth year. Neither course is required as a prerequisite for other required courses in the Environmental Biology program and we think that students will continue to be successful in the Environmental Biology program without the specific material currently taught in EVSC 110 and CHEM 250.

Minor Course Revisions

BIOL 228.3 An Introduction to Ecology and Ecosystems

Prerequisite Change:

Old prerequisite: BIOL 121 or GEOG 120 or 6 credit units in GEOL.

New prerequisite: BIOL 108 or BIOL 121 or GEOG 120 or 6 credit units in GEOL.

Rationale: This change will increase flexibility for students, especially those taking BIOL 228 off campus. The old BIOL 253 (the forerunner of BIOL 228) course allowed BIOL 108 as a prereq and instructors of BIOL 228 on campus felt that BIOL 108 would be an adequate preparation for the course. BIOL 108 is 6 cu in duration and includes a weekly practicum, which actually exceeds requirements in BIOL 121 and GEOG 120. It also has a heavy emphasis on biosphere/ecosystem topics that are suitable preparation for more advanced study in BIOL 228. We are already providing prerequisite waivers for the off-campus students (mostly in NORTEP) to allow them to complete BIOL 228 off-campus. NORTEP instructors report no adverse impacts on student performance in BIOL 228.

Geology

Minor Program Revisions

Bachelor of Science Honours and Four-year in Geology

Delete CHEM 344.3 from list of options in Required Cognates, and add CHEM 322.3, 332.3, 375.3 and 377.3.

Bachelor of Science Four-year (B.Sc. Four-year) - Geology

C7 Electives Requirement (24 credit units)

Required Cognate Courses

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

- [BIOL 120.3](#)
- [BIOL 121.3](#)
- [BIOL 204.3](#)

- [BIOL 222.3](#)
- [BIOL 224.3/BMSC 224.3](#)
- [BIOL 228.3](#)
- [BMSC 200.3](#)
- [CHEM 221.3](#)
- [CHEM 231.3](#)
- [CHEM 242.3](#)
- [CHEM 250.3](#)
- [CHEM 322.3](#)
- [CHEM 332.3](#)
- ~~[CHEM 344.3](#)~~
- [CHEM 375.3](#)
- [CHEM 377.3](#)
- [CMPT 111.3](#)
- [CMPT 115.3](#)
- [CMPT 116.3](#)
- [MATH 225.3](#)
- [MATH 226.3](#)
- [MATH 238.3](#)
- [MATH 266.3](#)
- [PHYS 127.3](#) (formerly PHYS 128)
- [PHYS 322.3](#)
- [STAT 245.3](#)

Rationale: CHEM 344.3 has been in the C7 list for some time. Few if any geology students have taken it. After some discussion with the Department of Chemistry, a list of classes that might be of more interest to and which could realistically be taken by Geology majors given the prerequisite structure was suggested.

Geophysics

Minor Program Revisions

Bachelor of Science Honours and Four-year in Geophysics

Revise program requirements to give students the choice of GEOL 485.6 (Geophysics Field Camp) or GEOL 487.3 (Geophysical Field Methods) plus one of GEOL 490.3 or GEOL 492.6 (research courses) supervised by one of the Geophysics faculty.

For the Four-year program only: Add EP 214.3 to the list of required courses in C6.

For the Honours program only: Delete EP 325.3 from the list of required courses in C6, and add EP 214.3

Bachelor of Science Four-year (B.Sc. Four-year) - Geophysics

C6 Major Requirement (~~45~~ **48** - **51** credit units)

- [GEOL 224.3](#)
- [GEOL 245.3](#)

- [GEOL 258.3](#)
- [GEOL 282.3](#)
- [GEOL 334.3](#)
- [GEOL 335.3](#)
- [GEOL 481.3](#)
- [GEOL 482.3](#)
- [GEOL 483.3](#)
- [GEOL 485.6](#); or [GEOL 487.3](#) and one of [GEOL 490.3](#) or [GEOL 492.6](#)
- [EE 202.3](#)
- [EP 214.3](#)
- [EP 228.3](#)
- [MATH 223.3](#) or [MATH 225.3](#) or [MATH 276.3](#) (MATH 223 is recommended)
- [MATH 224.3](#) or [MATH 226.3](#) or [MATH 238.3](#) (MATH 224 is recommended)

C7 Electives Requirement (~~36~~ **30 - 33 credit units**)

Change in Electives credit units is taken from Open Electives.

Bachelor of Science Honours (B.Sc. Honours) - Geophysics

C6 Major Requirement (**48 - 51 credit units**)

- [GEOL 224.3](#)
- [GEOL 245.3](#)
- [GEOL 258.3](#)
- [GEOL 282.3](#)
- [GEOL 334.3](#)
- [GEOL 335.3](#)
- [GEOL 481.3](#)
- [GEOL 482.3](#)
- [GEOL 483.3](#)
- [GEOL 485.6](#); or [GEOL 487.3](#) and one of [GEOL 490.3](#) or [GEOL 492.6](#)
- [EE 202.3](#)
- [EP 214.3](#)
- [EP 228.3](#)
- ~~[EP 325.3](#)~~
- [MATH 223.3](#) or [MATH 276.3](#) (MATH 223 is recommended)
- [MATH 224.3](#) or [MATH 238.3](#) (MATH 224 is recommended)

C7 Electives Requirement (~~33~~ **30 - 33 credit units**)

Change in Electives credit units is taken from Open Electives.

Rationale: GEOL 485.6 (geophysics majors) and 487.3 (mostly geology majors, although some geological engineering students as well as other majors might have the prerequisites to join) provide the same field experience, nine to twelve days in late August - early September. In

the field it makes absolutely no difference to the students which class they are in. Post field, the 485.6 students analyze and interpret the data from all the surveys and write three reports on the results over the winter term. Students in 487.3 have the analysis and interpretation explained to them in weekly meetings running to mid-October. They submit a report on one geophysical method and write an in class exam.

Very few geophysics majors have taken one of the research classes in the past, mostly because of the heavy workload in the 6cu field school. The proposed revision will make it easier for students to choose the research option and offer more opportunity to those students who might want to do graduate studies in the future. In order to satisfy APEGS requirements, the research class would need to be a geophysics class, and the existing GEOL 490.3 and 492.6 will satisfy this requirement if the research is geophysics supervised by a geophysicist. Butler, Merriam and Morozov have all supervised these classes in the past.

EP 214 will help students to be better prepared for EP 320, a required cognate course in C7.

Physics & Engineering Physics

Minor Course Revisions

EP 228 Computer Tools for Engineering Physics

Prerequisite Change:

Old Prerequisite: CMPT 116

Old Pre or Co-requisite(s): PHYS 223 and (MATH 224 or MATH 226 or MATH 238).

New Prerequisite: (CMPT 111 or CMPT 116) and (GE 125 or PHYS 117 or PHYS 125)

New Pre or Co-requisite(s): MATH 224 or MATH 226 or MATH 238.

Rationale: EP 228 is a required course for Geophysics Majors. Changes which were made both to the EP 228 prerequisites and to the Geophysics Four-year and Honours programs accidentally excluded the Geophysics students from enrolling in the course. The prerequisite change allows Geophysics Majors to enroll again in the course. The instructors (Professor Bourassa and Professor Degenstein) were both comfortable with replacing the 200-level mechanics co-requisite with a 100-level mechanics prerequisite.

EP 271 Heat, Kinetic Theory and Thermodynamics

New Course Number: **EP 370**

Move course to Term 2 (**2(3L-3P alt weeks)**)

Rationale: EP 271 has been moved from second year in the old EP program to third year in the new EP program. The course label should reflect the year in which students usually take the course.

Toxicology

Minor Program Revisions

Bachelor of Science Honours and Four-year in Toxicology

Add ANBI 420.3 as an option to BIOL 226.3 in C6

C6 Major Requirement (54 credit units)

- [BIOL 226.3](#) (formerly BIOL 211) or [ANBI 420.3](#)

- [BIOL 224.3/BMSC 224.3](#); and [BIOL 317.3](#) or [PHPY 301.3](#)
 - [BIOL 228.3](#) (formerly BIOL 253) or [PLSC 213.3](#)
 - [BMSC 220.3](#)
 - [BMSC 200.3](#) (formerly [BIOC 200.3](#))
 - [BMSC 240.3](#) or [BIOL 222.3](#) or [BIOL 373.3](#)
 - [CHEM 250.3](#)
 - [CHEM 375.3](#)
 - [TOX 300.3](#) (formerly VBMS 300)
 - [TOX 301.3](#)
 - [TOX 400.3](#)
 - [TOX 490.0](#)
- ...

Rationale: Students will have the option of choosing between BIOL 226 or ANBI 420.3. This course will be beneficial to Toxicology students because the endocrine system is increasingly recognized as a critical target of many different toxic agents, including major classes of common environmental contaminants. In particular, thyroid and adrenal glands and the pituitary-gonadal axis are commonly affected in exposed wildlife and people. Consequently, depending on their individual area of interest, Toxicology majors would benefit from the opportunity to select this new course in comparative endocrinology as an option to BIOL 226.

Minor in Toxicology

Add TOX 302.3, 320.3, 400.3 and EVSC 421.3 to the lists of courses counted toward the Minor in Toxicology

Requirements

Courses listed under the 'C6 Major Requirement' of the student's program Major cannot be used to meet requirements for the Minor.

- [TOX 300.3](#)
- [TOX 301.3](#)

Restricted Electives

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

- [TOX 302.3](#)
- [TOX 310.3](#)
- [TOX 320.3](#)
- [TOX 321.3](#)
- [TOX 400.3](#)
- [TOX 402.3](#)
- [TOX 403.3](#)
- [TOX 412.3](#)

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

- [BIOL 224.3/BMSC 224.3](#)

- [BIOL 312.3](#)
- [BIOL 412.3](#)
- [BIOL 475.3](#)
- [CHEM 375.3](#)
- [GEOG 351.3](#)
- [EVSC 420.3](#)
- [EVSC 421.3](#)
- [TOX 302.3](#)
- [TOX 310.3](#)
- [TOX 320.3](#)
- [TOX 321.3](#)
- [TOX 400.3](#)
- [TOX 402.3](#)
- [TOX 403.3](#)
- [TOX 412.3](#)

Rationale: These are new courses available to students in the major within the past few years and it is reasonable to include them in the list of course options for the minor as well.

DIVISION OF SOCIAL SCIENCES

Regional & Urban Planning

Program Deletion

Minor in Urban Planning

Introduced in 1998, the Minor in Urban Planning has failed to generate interest amongst students on our campus. Only a single student has declared a Minor in Urban Planning and this student graduated in May, 2011.

The department offers a professionally accredited planning program and it is important that students be directed into this 4-year program. We run the risk of students who have completed the Minor in Urban Planning advertising themselves as "planners" upon graduation, with serious implications for ethical conduct in the private and public sector. Under these circumstances, the deletion of the Minor in Urban Planning is long overdue.

This deletion will have no effect on faculty assignments or research, or on course enrolments. No resource implications.

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 SCIENCE

Minor Course Revisions

GEOL 224.3 Minerology

GEOL 245.3 Introduction to Sedimentary Rocks

GEOL 258.3 Structural Geology

Prerequisite Change:

Old Prerequisite: GEOL 121; and CHEM 112 or 114.

New Prerequisite: GEOL 121; and PHYS 115 or PHYS 155; and CHEM 112 or CHEM 114

Rationale: The Department is concerned that too many Geology majors are not doing their basic science classes until very late in their programs and as such are lacking the appropriate preparation for upper level courses in the Geology program.

DIVISION OF SOCIAL SCIENCES

Geography

Minor Course Revisions

GEOG 329.3 Watershed Planning and Management

GEOG 342.3 Community Planning in Canada

GEOG 343.3 Legal Issues in Planning

GEOG 346.3 Introduction to Urban Design

GEOG 350.3 Transportation Planning and Geography

GEOG 442.3 Regional Planning

GEOG 446.3 Advanced Urban Design

New Subject Code: **PLAN**

Rationale: This change will help to make the Regional & Urban Planning program as legible as possible to prospective students (and their parents) and make more visible “Planning” as a discipline of study. Both the PSA and CIP Accreditation Review Committee have repeatedly pointed out that course offerings in the Regional & Urban Planning program are not clearly identified as “planning courses” in the calendar.

GEOG 341.3 Urban Planning

New Subject Code: **PLAN**

New Course Description: The course examines 21st century approaches and frameworks in urban planning, situating these briefly in the evolutionary context of planning movements from the late-19th centuries. Examples of topics engaged with include: zoning, pricing and urban form; infrastructure asset management planning; neighbourhood, street and public space (re-) design; planning for multiple transport modes; Indigeneity and interculturalism in planning and design; culture planning. The course combines experiential and class-based learning. Individual and group field-based projects form a significant part of the course assessment. A field trip is incorporated into the course.

Rationale: See above.

GEOG 441.3 Challenges in Urban Development

New Subject Code: **PLAN**

New Course Description: The course focuses on the application of knowledge to contemporary challenges in urban planning and development. Emphasis is on project-based and experiential learning through group and individual projects, in-class simulation exercises, and a fieldtrip. Examples of topics engaged with include: growth management and smart growth; inner city and suburban (re-) development challenges; downtown and city centre planning; site planning; heritage and adaptive re-use; land development and subdivision design; transportation and land use planning; mediation and negotiation in urban development. Teaching will be linked with current issues in urban Saskatchewan when appropriate.

Rationale: See above.

GEOG 445.3 Planning with Indigenous Communities

New Subject Code: **PLAN**

Prerequisite Change:

Old prerequisite: 90 credit units in the Community Planning and Native Studies, Regional & Urban Planning, Geography or Native Studies programs or permission of the department.

New prerequisite: 72 credit units at the University and one of PLAN 329, PLAN 341, PLAN 342, NRTH 331, NRTH 332, or NS 210.

New Course Description: The course focuses on the application of the theory and methods of Indigenous planning and planning with Indigenous communities in reserve, rural, urban, northern, and international contexts. Emphasis is on project-based and experiential learning through group and individual projects, guest lectures and a field trip.

Rationale: See above.

Regional & Urban Planning

Minor Course Revisions

RUP 390.3 Research and Field Methods in Planning

RUP 395.3 Planning History and Theory

RUP 413.0 Practicum in Planning

RUP 490.3 Applied Planning Project

RUP 495.3 Professional Planning Practice

New Subject Code: **PLAN**

Rationale: The subject code “RUP” can be confusing to our students. This change will help to make the Regional & Urban Planning program as legible as possible to prospective students (and their parents) and make more visible “Planning” as a discipline of study. Both the PSA and CIP Accreditation Review Committee have repeatedly pointed out that course offerings in the Regional & Urban Planning program are not clearly identified as “planning courses” in the calendar.

The PLAN subject code will entirely replace the the RUP subject code; the RUP code will no longer be used.

Sociology

Minor Course Revisions

SOC 203.3 Race and Ethnic Relations in Canada

SOC 204.3 Rural Sociology

SOC 205.3 Comparative Race and Ethnic Relations

SOC 206.3 Community

SOC 207.6 Family

SOC 212.3 Introduction to Criminology

SOC 214.2 Social Control

SOC 217.3 Sociology of Contemporary Religious Movements

SOC 219.3 Aboriginal Peoples and Justice in Canada

SOC 220.6 Sociology and Social Welfare Organization

SOC 224.3 Collective Behaviour

SOC 225.3 An Introduction to Survey Research and Data Analysis in Sociology

SOC 227.6 Critical Issues in Canadian Society

SOC 232.3 Methods of Social Research

SOC 233.3 Introduction to Sociology Theory

SOC 234.3 Sociology of Law

SOC 235.3 Sociology of Aging

SOC 238.3 Sociology of Health, Illness and Health Care

SOC 242.3 Introduction to Sociology of Women's Studies

SOC 244.3 Sociology of Mass Media in Canada

SOC 246.3 Ideology and Mass Communication

Prerequisite Change:

Old prerequisite: SOC 111 and 112 (formerly SOC 110).

New prerequisite: 6 credit units of 100-level SOC

Rationale: SOC 110.6 was divided into SOC 111.3 and SOC 112.3 as of September 2008.

Included in the rationale for the course split was: "The change allows transfer students who already have a 3cu introductory course to register in the programme." However, the current, specific prerequisite requirements for 200-level SOC courses still require many students with transfer credit (3cu JR SOC) to receive an override in order to register, which creates extra administrative work for students and Department faculty and staff. The proposed changes ensure that the course prerequisite descriptions are consistent with what is intended, thereby reducing unnecessary additional work.

SOC 260.3 Social Change and Global Solidarity

Prerequisite Change:

Old prerequisite: SOC 111 and 112 (formerly SOC 110) or 12 credit units in the social sciences or special permission of the instructor.

New prerequisite: 6 credit units of 100-level SOC or 12 credit units in the social sciences or permission of the instructor.

Rationale: See above