

MOUNT ALLISON UNIVERSITY
MEETING OF THE UNIVERSITY SENATE

January 14, 2020, 4:00 p.m.
Windsor Grand Room

Present: F. Antonelli, K. Bell, P. Berry, A. Beverley, F. Black, B. Blakney, JP. Boudreau (Chair), C. Brett (Secretary), A. Cannon, A. Cockshutt, O. Corrigan, J. Devine, S. Doyle, J. Dryden, E. Edson, B. Evans, A. Fancy, N. Farooqi, C. Forstall, S. Garrett, D. Hamilton, L-D, Hamilton, M. Hamilton, J. Holton, D. Hornidge, C. Ionescu, D. Keeping, L. Kern, D. Lieske, M. Litvak, K. Meade, A. Nurse, C. O'Connor, J. Ollerhead (Vice-Chair), J. Rogers, S. Runge, V. St. Pierre, E. Stregger, E. Titarenko, J. Tomes, S. Unger, J. Vickery, N. Vogan, K. Wilock, W. Wilson

Regrets: A. Grant, K. Hele

Observers: N. Hanifa, K. Steeves, N. Verret

01.01.11 Land Acknowledgement

JP. Boudreau read the land acknowledgement.

02.01.11 Approval of the Agenda

Motion (A. Cockshutt/N. Farooqi): that Senate adopt the Agenda as circulated.

Motion Carried

03.01.11 Approval of the Senate Minutes of December 3, 2019

Motion (S. Unger/J. Devine): that Senate adopt the Minutes of the meeting of December 3, 2019.

Motion Carried

04.01.11 Business Arising from the Minutes

There was no business arising.

05.01.11 Report from the Chair

JP. Boudreau extended condolences to everyone affected by the Ukraine International Airlines Flight 752 tragedy in Iran. He acknowledged the recent work of J. Devine in the media coverage of the event.

The President thanked everyone for their work in the Fall term.

JP. Boudreau noted that the search for a new Provost is ongoing, and he asked Senators to spread word of the search to colleagues. The President announced that he will chair the search committee for a new Dean of Arts, with the search starting later this Spring. He also noted that

work is underway on a Strategic Framework document, which will be shared in the coming months.

On the external front, the President has taken part in a Universities Canada's panel on the Future of Talent and Skill Development and the WorkForce 2020 Summit, hosted by the Chamber of Commerce of Greater Moncton. JP. Boudreau also noted that the presidents of New Brunswick's four public universities continue to meet on issues including provincial funding and partnerships with CCNB and NBCC. The President will be part of a roundtable on innovating in education and early childhood development. Finally, JP. Boudreau was scheduled to meet with the MP for Beausejour, Dominic Leblanc, on January 15.

The President drew attention to the following upcoming events on campus.

1. Artists' talks at the Owens Art Gallery on January 15 and 18.
2. Talks on accessibility and disability by C. MacDougall, J. Dryden, and L-D. Hamilton on January 15, 22, and 29, respectively.
3. Interdisciplinary Conversations on the theme of Impact on January 16.
4. Indigenous affairs guest speakers Suzanne Patles and Miles Howe on January 16 and February 5, respectively.
5. Faculty and Guest recitals at Brunton Auditorium on January 18 and 19.
6. Mount Allison Winter Carnival, January 12-19, including the Student Refugee Program Soiree on January 17.

06.01.11 Report from the University Planning Committee

J. Ollerhead reported that committee has received the external reports relating to academic unit reviews. These reports are now being reviewed by the academic units. He also noted that proposals for program changes have been referred to the Academic Matters Committee.

07.01.11 Provisional Calendar of Events for 2021-2022

Motion (S. Garrett/S. Unger): that Senate adopt the Provisional Calendar of Events for 2021-22 as circulated.

**Motion Carried
(4 nays, 6 abstentions)**

S. Garrett noted that proposed Calendar of Events contains an Academic Learning Day on the Tuesday following Labour Day, with classes beginning the day after that. The introduction of the Learning Day creates a one-day shift in many other dates, relative to the current Calendar of Events.

A. Cockshutt noted that she would have preferred a change in the timing of the Fall Study Break, but is willing to support the proposed calendar.

D. Hamilton noted that there was no day between the last day of classes and the beginning of exams in the Fall term.

S. Unger noted that the idea for the Learning Day originated with Nigel Verret, the Orientation Chair for 2019. S. Unger remarked that the current Academic Orientation (held the Friday before Labour Day) seemed too early in the orientation schedule to be effective. He accepted the reduction in exam preparation time as a fair tradeoff for the Learning Day.

N. Verret presented three reasons for holding a Learning Day on the first Tuesday of the Fall term: to maximize attendance by first-year students, to allow senior students to be on hand to assist, and to free up time during the first days of Orientation to help students feel welcomed and safe at Mount Allison.

J. Dryden expressed three concerns with the Learning Day: that shortening the first week of classes may induce some students to delay arrival on campus until the second week of term, that the value-added of the Learning Day may not be sufficient to justify disruption the schedule, and that the day may leave students overwhelmed with information that they might not know how to use until later in the term.

N. Verret responded that he hoped senior students would come back to help out with the Learning Day. He noted that the follow-on adjustments to the schedule added an extra weekend of work time for Tuesday and Tuesday/Thursday classes.

Following a question by K. Bell, S. Garrett clarified that there would be no regularly scheduled classes on the Learning Day.

E. Titarenko asked why the proposed calendar maintained the Fall Study Break attached to Remembrance Day. S. Garrett replied that there was no evidence of conclusive support for a specific alternative time. E. Titarenko then asked whether the timing of the Fall Break could be reconsidered. S. Garrett said that it could, if new evidence was collected and presented.

J. Devine and N. Vogan asked whether the Learning Day would be mandatory for students. S. Garrett responded that it should be treated like any other day of classes.

JP. Boudreau thanked everyone for their work on this calendar of events.

08.01.11 Report from the Committee on Committees

J. Tomes gave the report, which contained the following motions.

Motion: (J. Tomes/S. Runge) the Committee on Committees moves that Senate acclaim the following nominees to the committees indicated for terms commencing immediately, and ending June 30, 2022.

Academic Appeals Committee
VACANCY: 1 faculty member or librarian
Geoff Cruttwell

Research Ethics Board
VACANCY: 1 faculty member or librarian
Krista Johnston

Academic Information Technology Committee
VACANCY: 1 faculty member from Arts
Lauren Beck

09.01.11 Report from the Academic Matters Committee

N. Farooqi and S. Garrett gave the report (appended to these minutes), which consisted for the following motions.

Motion (N. Farooqi/A. Cockshutt): that Senate approve the changes to Academic Regulation 11.0 regarding Course Numbering and Credit Values as outlined in the Report to Senate, January 14, 2020.

Motion Carried

J. Devine asked how prerequisites would be entered for '991 courses. S. Garrett answered that departments would enter them. D. Lieske and C. Forstall asked whether the proposed numbering system generated enough unique codes to achieve the goals of the renumbering. S. Garrett responded that, in her opinion, it would.

J. Dryden and C. Forstall wondered how regular courses with titles beginning "Topics In" would be treated. S. Garrett replied that the intention is to treat them in the same way as '991 courses, so that courses with different content would have different titles and codes.

F. Black asked about 4951 (Independent Study) courses. S. Garrett noted that there are no proposed changes to 4951 courses. F. Black also asked about the requirement of offering a '991 course at most three times. N. Farooqi answered that this issue is addressed in the next motion contained in the committee's report.

Senators also spotted some typographical errors in the report. The Registrar agreed to make appropriate changes before publishing material in the Academic Calendar.

Motion (N. Farooqi/S. Unger): that Senate approve the changes to Academic Regulation 11.12 regarding University Special Topics Courses as outlined in the Report to Senate, January 14, 2020.

**Motion Carried
(1 nay vote)**

F. Black asked why a '991 course could be offered no more than three times, rather than some other number of times. N. Farooqi answered that the number was chosen to accord with current practice.

M. Hamilton worried that the regulation could prevent a department from offering a Special Topics course for which there is infrequent demand. He noted the example of mathematics course that might be of interest to a cohort of students with a particular interest in mathematical physics. Such a cohort might arrive every five or six years. Thus, it might not make sense to devise a regular course on the topic. Yet, the regulation would prevent the fourth such cohort from being able to take the course.

Motion (N. Farooqi/A. Cockshutt): that Senate approve the changes to Academic Regulation 12 regarding Programs and Courses of Instruction as outlined in the Report to Senate, January 14, 2020.

Motion Carried
(1 nay vote)

Motion (N. Farooqi/J. Devine): that Senate approve the addition of a Certificate in Foundations of Health as outlined in the Report to Senate, January 14, 2020.

Motion Carried

In response to a question from K. Bell, N. Farooqi clarified that the certificate requires 18 credits of coursework.

Motion (N. Farooqi/J. Devine): that Senate approve the changes to the Canadian Public Policy program as outlined in the Report to Senate, January 14, 2020.

Motion Carried
(2 abstentions)

Motion (N. Farooqi/D. Hamilton): that Senate approve the changes to the Biology program as outlined in the Report to Senate, January 14, 2020.

Motion Carried

Motion (N. Farooqi/A. Cockshutt): that Senate approve the changes to the Chemistry and Biochemistry program as outlined in the Report to Senate, January 14, 2020.

Motion Carried

10.01.11 Discover Mount Allison

N. Farooqi invited everyone to the launch of Dr. Leslie Kern's new book *Feminist City: A Field Guide* on December 13.

S. Unger invited everyone to attend the Garnet and Gold Society's production of the musical *Mary Poppins* on January 31 and February 1.

F. Black reminded everyone of the second workshop on Postsecondary Education and Climate Change, help on January 17 and 18.

A. Cockshutt acknowledged the hard work of members of the Faculty of Science working as NSERC committee members and reviewers.

11.01.11 Other Business

There was no other business

12.01.11 Adjournment

There being no further business or announcements, the meeting adjourned at 5:21 pm. (A. Cockshutt/ M. Hamilton)

Respectfully submitted,

Craig Brett
Secretary

MOUNT ALLISON UNIVERSITY
MEETING OF THE UNIVERSITY SENATE

January 14, 2020, 4 pm

Windsor Grand Room

Appendices to the Minutes

- Report from the Academic Matters Committee

ACADEMIC MATTERS COMMITTEE

Report for Senate, January 14, 2020

This report contains recommendations for changes to academic regulations and academic programs effective under the 2020-2021 academic calendar, unless otherwise indicated:

1. **COURSE NUMBERING AND CREDIT VALUES - Academic Regulation 11.0**
2. **UNIVERSITY SPECIAL TOPICS COURSES - Academic Regulation 11.12**
3. **PROGRAMS AND COURSES OF INSTRUCTION - Academic Regulation 12**
4. **CERTIFICATE IN FOUNDATIONS OF HEALTH**
5. **CANADIAN PUBLIC POLICY**
6. **BIOLOGY**
7. **CHEMISTRY AND BIOCHEMISTRY**

Note: Additions/changes are indicated in bold text, deletions are indicated with strikethrough.

The Academic Matters Committee recommends approval of the following changes to academic regulations effective under the 2020-2021 calendar:

1. 11.0 – COURSE NUMBERING AND CREDIT VALUES

Each course is identified by a four-digit number and carries a certain credit value.

The first digit indicates the year in which the course is normally taken.

The second digit sometimes indicates a stream or category of courses within one department.

For Selected Topics, Special Topics, Project and Practicum courses, an alpha character is used as the second digit.

The third digit specifies a course within the department.

The fourth digit indicates the credit value of the course, **except for Selected Topics, Special or Graduate Level Topics, Project and Practicum courses, where it is a counter from 0-9. A “P” will be used for Practicum and Project courses, an “S” will be used for Selected Topics Courses and a “T” for Special or Graduate Level Topics courses.** A 6-credit course extends through Fall and Winter terms and has a fourth digit of zero, with the exception of MSCI 5990 which extends through multiple terms and has no credit value; a three-credit course usually lasts one term only and has a fourth digit of one. A few three credit courses extend through the Fall and Winter terms and have a fourth digit of three. One credit courses have a fourth digit of nine and extend throughout both Fall and Winter terms.

Note: Both Fall and Winter terms must be completed to obtain credit for full year courses.

Rationale: There have been several issues identified with the status quo x991 Selected and Special Course coding, as follows:

- Courses listed on transcript more than once;
- Repeat checking does not pick up on both courses, it eliminates the lower GPA;

- Course code does not appear in the relevant academic calendar;
- Unable to schedule courses in the timetable in advance;
- They are not compatible for the degree audit function so students cannot use the EVAL component of degree audit, so all degree audits must be done manually by students and staff;
- Need manual permissions from Deans/Instructors;
- Prerequisites cannot be coded;
- Only one credit value possible;
- Cross listing is not possible; and
- Not able to count them in Major/Minor distribution requirements.

The Academic Matters Committee recommends approval of the following changes to the academic regulations effective under the 2020-2021 calendar:

2. 11.12 UNIVERSITY SPECIAL TOPICS COURSES

Most courses at Mount Allison are offered by departments or programs and are designated with the associated course code. But there may be opportunities to offer a course in an interdisciplinary area or in a subject area that does not fall within any existing department or program. In such cases the course may be offered as a University Special Topic course.

A course offered as a Special Topic course may only be offered a maximum of three times with decanal approval. If a course is to be offered more than three times, it must be approved by Senate through the formal University process.

Note: The listing of a course in the Calendar is not a guarantee that the course is offered every year.

The Academic Matters Committee recommends approval of the following changes to the academic regulations effective under the 2020-2021 calendar:

3. 12 – PROGRAMS AND COURSES OF INSTRUCTION

UNIVERSITY SPECIAL TOPIC COURSES

Most courses at Mount Allison are offered by departments or programs and are designated with the associated course code. But there may be opportunities to offer a course in an interdisciplinary area or in a subject area that does not fall within any existing department or program. In such cases the course may be offered as a University Special Topic course.

A course offered as a Special Topic course may only be offered a maximum of three times with decanal approval. If a course is to be offered more than three times, it must be approved by Senate through the formal University process.

Note: The listing of a course in the Calendar is not a guarantee that the course is offered every year.

IMPACTED COURSE CODES (ALPHA ORDER):**ANTH 19T0 (3.00 CR)****SPECIAL TOPIC IN ANTHROPOLOGY**

Prereq: **3 credits in Social Sciences; or permission of the Department.** This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ANTH 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

ANTH 29T0 (3.00 CR)**SPECIAL TOPIC IN ANTHROPOLOGY**

Prereq: ANTH 1011; 3 credits in Social Sciences; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ANTH 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

ANTH 39T0 (3.00 CR)**SPECIAL TOPIC IN ANTHROPOLOGY**

Prereq: ANTH 1011; 6 credits from ANTH at the 2000 level; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ANTH 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

ANTH 49T0 (3.00 CR)**SPECIAL TOPIC IN ANTHROPOLOGY**

Prereq: 6 credits from ANTH at the 3000 level; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ANTH 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

ARTS 19T0 (3.00 CR)**SPECIAL TOPIC IN ARTS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Departments/Programs when the topic and level are announced. Note 2: When Departments or Programs intend to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean of Arts. Note 3: Students may register for ARTS 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

ARTS 29T0 (3.00 CR)**SPECIAL TOPIC IN ARTS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Departments/Programs when the topic and level are announced. Note 2: When Departments or Programs intend to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean of Arts. Note 3: Students may register for ARTS 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

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BIOC 19T0 (3.00 CR)**SPECIAL TOPIC IN BIOCHEMISTRY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for BIOC 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

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BIOL 19T0 (3.00 CR)**SPECIAL TOPIC IN BIOLOGY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for BIOL 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

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CANA 19T0 (3.00 CR)

SPECIAL TOPIC IN CANADIAN STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for CANA 1991 more than once, provided the subject matter differs.]~~ (Format: Variable)

CANA 29T0 (3.00 CR)

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CANA 39T0 (3.00 CR)

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CANA 49T0 (3.00 CR)

SPECIAL TOPIC IN CANADIAN STUDIES

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CHEM 19T0 (3.00 CR)

SPECIAL TOPIC IN CHEMISTRY

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CHEM 29T0 (3.00 CR)

SPECIAL TOPIC IN CHEMISTRY

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CHEM 39T0 (3.00 CR)

SPECIAL TOPIC IN CHEMISTRY

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~~Dean. Note 3: Students may register for CHEM 3991 more than once, provided the subject matter differs.}] (Format: Variable)~~

CHEM 49T0 (3.00 CR)

SPECIAL TOPIC IN CHEMISTRY

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CHEM 59T0 (3.00 CR)

GRADUATE LEVEL TOPIC IN CHEMISTRY

Prereq: Registration in the MSc program and permission of the Department Head and course instructor (Format: Variable)

CHEM 59T3 (3.00 CR)

GRADUATE LEVEL TOPIC IN BIOLOGY

Prereq: Registration in the MSc program and permission of the Department Head and course instructor (Format: Variable)

CLAS 19T0 (3.00 CR)

SPECIAL TOPIC IN CLASSICS

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CLAS 29T0 (3.00 CR)

SPECIAL TOPIC IN CLASSICS

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CLAS 39T0 (3.00 CR)

SPECIAL TOPIC IN CLASSICS

Prereq: second-year standing; 3 Credits from CLAS, HIST, LATI, GREK at the 1/2000 level
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CLAS 49T0 (3.00 CR)

SPECIAL TOPIC IN CLASSICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for CLAS 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

COMM 19T0 (3.00 CR)

SPECIAL TOPIC IN COMMERCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for COMM 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

COMM 29T0 (3.00 CR)

SPECIAL TOPIC IN COMMERCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for COMM 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

COMM 39T0 (3.00 CR)

SPECIAL TOPIC IN COMMERCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the~~

Dean. Note 3: Students may register for COMM 2991 more than once, provided the subject matter differs.} (Format: Variable)

COMM 49T0 (3.00 CR)

SPECIAL TOPIC IN COMMERCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for COMM 4991 more than once, provided the subject matter differs.]~~(Format: Variable)

COMP 19T0 (3.00 CR)

SPECIAL TOPIC IN COMPUTER SCIENCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for COMP 1991 more than once, provided the subject matter differs.]~~ (Format: Variable)

COMP 29T0 (3.00 CR)

SPECIAL TOPIC IN COMPUTER SCIENCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for COMP 2991 more than once, provided the subject matter differs.]~~(Format: Variable)

COMP 39T0 (3.00 CR)

SPECIAL TOPIC IN COMPUTER SCIENCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for COMP 3991 more than once, provided the subject matter differs.]~~ (Format: Variable)

COMP 49T0 (3.00 CR)

SPECIAL TOPIC IN COMPUTER SCIENCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for COMP 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

DRAM 19T0 (3.00 CR)

SPECIAL TOPIC IN DRAMA

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for DRAM 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

DRAM 26P0 (1.00 CR)

DRAM 36P0 (1.00 CR)

DRAM 46P0 (1.00 CR)

ONE CREDIT PRODUCTION PRACTICUM

Prereq: DRAM 1701; 3 credits from DRAM 2161, 3161 (may be taken as a co-requisite). This course allows students to focus on developing skills and practical experience in areas of theatre production such as costume or set design and construction, lighting, stage-management, or front-of-house. [Note 1: Students registered for DRAM 3011 or 4011 projects related to a Motyer-Fancy Theatre production, as well as students engaged as paid theatre assistants, cannot also receive Production Practicum credit for that same production work.] (Format: Experiential)

DRAM 29T0 (3.00 CR)

SPECIAL TOPIC IN DRAMA

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for DRAM 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

DRAM 39T0 (3.00 CR)

SPECIAL TOPIC IN DRAMA

Prereq: DRAM 1701; third-year standing in the Interdisciplinary Drama Program; or permission of the Program Director This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or~~

~~Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for DRAM 3991 more than once, provided the subject matter differs.] (Format: Variable)~~

DRAM 40P0 (3.00 CR)

ADVANCED THEATRICAL INTERPRETATION

This course involves projects in areas such as acting, directing, writing, and design. Written and/or visual materials support artistic outcomes as appropriate. [Note 1: Students may register for DRAM 4011 more than once, provided the subject matter differs.] (Format: Independent Study)

DRAM 49T0 (3.00 CR)

SPECIAL TOPIC IN DRAMA

~~This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for DRAM 4991 more than once, provided the subject matter differs.] (Format: Variable)~~

ECON 19T0 (3.00 CR)

SPECIAL TOPIC IN ECONOMICS

~~This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ECON 1991 more than once, provided the subject matter differs.] (Format: Variable)~~

ECON 29T0 (3.00 CR)

SPECIAL TOPIC IN ECONOMICS

~~This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ECON 2991 more than once, provided the subject matter differs.] (Format: Variable)~~

ECON 39T0 (3.00 CR)

SPECIAL TOPIC IN ECONOMICS

~~This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by Department/Program when the topic and level are~~

announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ECON 3991 more than once, provided the subject matter differs.} (Format: Variable)

ECON 49T0 (3.00 CR)

SPECIAL TOPIC IN ECONOMICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ECON 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

ENGL 19T0 (3.00 CR)

SPECIAL TOPIC IN ENGLISH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ENGL 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

ENGL 29T0 (3.00 CR)

SPECIAL TOPIC IN ENGLISH

Prereq: ENGL 1201; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ENGL 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

ENGL 39T0 (3.00 CR)

SPECIAL TOPIC IN ENGLISH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ENGL 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

ENGL 49T0 (3.00 CR)**SPECIAL TOPIC IN ENGLISH**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ENGL 4991 more than once, provided the subject matter differs.]~~ (Format: Variable)

ENGL 39S0 (3.00 CR)**ENGLISH SELECTED TOPICS COURSES****Prereq: 6 credits from ENGL at the 2000 level; or permission of the Department**

These courses either focus on topics not covered by the current course offerings in a department or program or offer the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ENGL 3991 more than once, provided the subject matter differs.]~~ (Format: Variable)

ENGL 39S1**LITERATURE AND THE NATURAL WORLD**

Prereq: 6 credits from ENGL at the 2000 level; or permission of the Department

~~[Note: ENGL 3951 may be taken for credit more than once if the topic differs]~~ (Format: Seminar 3 Hours) Exclusions: **ENGL 3991** Literature and the Natural World and **ENGL 3991** Literature and the World: Eco-poetics

ENGL 39S2**LITERATURE AND THE WORLD: ECOPOETICS**

Prereq: 6 credits from ENGL at the 2000 level; or permission of the Department

~~[Note: ENGL 3951 may be taken for credit more than once if the topic differs]~~ (Format: Seminar 3 Hours) Exclusion: **ENGL 3991** Literature and the World: Eco-poetics

ENGL 42S0 (3.00 CR)**SELECTED TOPICS IN PRE-1800 LITERATURE**

Prereq: Third-year standing; permission of the Department. Preference is given to students pursuing a course-based Honours

This course examines closely selected topics drawn from pre-1800 English literature. ~~[Note 1: ENGL 4221 may be taken for credit more than once if the topic differs]~~ (Format: Seminar 3 Hours)

ENGL 43S0 (3.00 CR)**SELECTED TOPICS IN POST-1800 LITERATURE**

Prereq: Third-year standing; permission of the Department. Preference is given to students pursuing a course-based Honours

This course examines closely selected topics drawn from post-1800 English literature. [~~Note 1: ENGL 4231 may be taken for credit more than once if the topic differs~~] (Format: Seminar 3 Hours)

ENGL 44S0 (3.00 CR)

SELECTED TOPICS IN AMERICAN LITERATURE

Prereq: Third-year standing; ~~permission of the Department~~. Preference is given to students pursuing a course-based Honours

This course examines closely selected topics drawn from American English literature. [~~Note 1: ENGL 4701 may be taken for credit more than once if the topic differs~~] (Format: Seminar 3 Hours)

ENGL 45S0 (3.00 CR)

SELECTED TOPICS IN CANADIAN LITERATURE

Prereq: Third-year standing; ~~permission of the Department~~. Preference is given to students pursuing a course-based Honours

This course examines closely selected topics drawn from Canadian English literature. [~~Note 1: ENGL 4801 may be taken for credit more than once if the topic differs~~] (Format: Seminar 3 Hours)

ENGL 46S0 (3.00 CR)

SELECTED TOPICS IN SEX, GENDER AND LITERATURE

Prereq: Third-year standing; ~~permission of the Department~~. Preference is given to students pursuing a course-based Honours

This course examines closely selected topics drawn from English literature dealing with sex and gender. [~~Note 1: ENGL 4921 may be taken for credit more than once if the topic differs~~] (Format: Seminar 3 Hours)

ENGL 47S0 (3.00 CR)

SELECTED TOPICS IN TEXT AND TECHNOLOGY

Prereq: Third-year standing; ~~permission of the Department~~. Preference is given to students pursuing a course-based Honours

This course examines closely selected topics drawn from English literature dealing with text and technology. [~~Note 1: ENGL 4931 may be taken for credit more than once if the topic differs~~] (Format: Seminar 3 Hours)

ENGL 48S0 (3.00 CR) SELECTED TOPICS IN LITERARY REPRESENTATIONS OF RACE, CULTURE AND NATION

Prereq: Third-year standing; ~~permission of the Department~~. Preference is given to students pursuing a course-based Honours

This course examines closely selected topics drawn from English literature dealing with representations of race, culture, and nation. [~~Note 1: ENGL 4941 may be taken for credit more than once if the topic differs~~] (Format: Seminar 3 Hours)

ENGL 49T0 (3.00 CR) SPECIAL TOPICS IN ENGLISH

These courses either focus on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ENGL 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

FINH 19T0 (3.00 CR)**SPECIAL TOPIC IN ART HISTORY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FINH 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

FINH 29T0 (3.00 CR)**SPECIAL TOPIC IN ART HISTORY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FINH 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

FINH 39T0 (3.00 CR)**SPECIAL TOPIC IN ART HISTORY**

Prereq: FINH 2101; FINH 2111; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FINH 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

FINH 19T0 (3.00 CR)**SPECIAL TOPIC IN ART HISTORY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program.

FINH 29T0 (3.00 CR)

SPECIAL TOPIC IN ART HISTORY

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program.

FINH 39T0 (3.00 CR)

SPECIAL TOPIC IN ART HISTORY

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program.

FINH 49T0 (3.00 CR)

SPECIAL TOPIC IN ART HISTORY

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FINH 4991 more than once, provided the subject matter differs.}~~(Format: Variable)

FINA 39T0 (3.00 CR)

SPECIAL TOPICS IN FINE ARTS

These courses either focus on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FINA 3991 more than once, provided the subject matter differs.}~~ (Format: Variable)

FREN 19T0 (3.00 CR)

SPECIAL TOPIC IN FRENCH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FREN 1991 more than once, provided the subject matter differs.}~~ (Format: Variable)

FREN 29T0 (3.00 CR)

SPECIAL TOPIC IN FRENCH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the

regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FREN 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

FREN 39T0 (3.00 CR)

SPECIAL TOPIC IN FRENCH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FREN 3991 more than once, provided the subject matter differs.~~](Format: Variable)

FREN 49T0 (3.00 CR)

SPECIAL TOPIC IN FRENCH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for FREN 4991 more than once, provided the subject matter differs.~~](Format: Variable)

GENS 19T0 (3.00 CR)

SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENS 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

GENS 29T0 (3.00 CR)

SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENS 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

GENS 39T0 (3.00 CR)**SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT**

Prereq: Third year standing; GENS 1401; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENS 3991 more than once, provided the subject matter differs.]~~ (Format: Variable)

GENS 49T0 (3.00 CR)**SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENS 4991 more than once, provided the subject matter differs.]~~ (Format: Variable)

GENV 19T0 (3.00 CR)**SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENV 1991 more than once, provided the subject matter differs.]~~ (Format: Variable)

GENV 29T0 (3.00 CR)**SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENV 2991 more than once, provided the subject matter differs.]~~ (Format: Variable)

GENV 39T0 (3.00 CR)**SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are~~

announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENV 3991 more than once, provided the subject matter differs.] (Format: Variable)

GENV 49T0 (3.00 CR)

SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENV 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

GENV 49T3 (3.00 CR)

SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GENV 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

GERM 19T0 (3.00 CR)

SPECIAL TOPIC IN GERMAN

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GERM 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

GERM 29T0 (3.00 CR)

SPECIAL TOPIC IN GERMAN

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GERM 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

GERM 39T0 (3.00 CR)**SPECIAL TOPIC IN GERMAN**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GERM 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

GERM 49T0 (3.00 CR)**SPECIAL TOPIC IN GERMAN**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GERM 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

GREK 19T0 (3.00 CR)**SPECIAL TOPIC IN GREEK**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GREK 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

GREK 29T0 (3.00 CR)**SPECIAL TOPIC IN GREEK**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GREK 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

GREK 39T0 (3.00 CR)**SPECIAL TOPIC IN GREEK**

Prereq: 6 Credits from History and first year standing; This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a~~

~~Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GREK 3991 more than once, provided the subject matter differs.}~~ (Format: Variable)

GREK 49T0 (3.00 CR)

SPECIAL TOPIC IN GREEK

~~This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for GREK 4991 more than once, provided the subject matter differs.}~~ (Format: Variable)

HIST 19T0 (3.00 CR)

SPECIAL TOPIC IN HISTORY

~~This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for HIST 1991 more than once, provided the subject matter differs.}~~ (Format: Variable)

HIST 29T0 (3.00 CR)

SPECIAL TOPIC IN HISTORY

~~This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for HIST 2991 more than once, provided the subject matter differs.}~~ (Format: Variable)

HIST 39T0 (3.00 CR)

SPECIAL TOPIC IN HISTORY

Prereq: 6 credits from HIST at the 1/2000 level; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for HIST 3991 more than once, provided the subject matter differs.} (Format: Variable)

HIST 49T0 (3.00 CR)**SPECIAL TOPIC IN HISTORY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for HIST 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

INDG 19T0 (3.00 CR)**SPECIAL TOPIC IN INDIGENOUS STUDIES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the appropriate Dean. Note 3: Students may register for INDG 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

INDG 29T0 (3.00 CR)**SPECIAL TOPIC IN INDIGENOUS STUDIES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the appropriate Dean. Note 3: Students may register for INDG 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

INDG 39T0 (3.00 CR)**SPECIAL TOPIC IN INDIGENOUS STUDIES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the appropriate Dean. Note 3: Students may register for INDG 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

INDG 49T0 (3.00 CR)**SPECIAL TOPIC IN INDIGENOUS STUDIES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the appropriate Dean. Note 3: Students may register for INDG 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

INLR 19T0 (3.00 CR)**SPECIAL TOPIC IN INTERNATIONAL RELATIONS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for INLR 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

INLR 29T0 (3.00 CR)**SPECIAL TOPIC IN INTERNATIONAL RELATIONS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for INLR 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

INLR 39T0 (3.00 CR)**SPECIAL TOPIC IN INTERNATIONAL RELATIONS**

Prereq: INLR/POLS 2301; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for INLR 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

INLR 49T0 (3.00 CR)**SPECIAL TOPIC IN INTERNATIONAL RELATIONS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for INLR 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

LATI 19T0 (3.00 CR)**SPECIAL TOPIC IN LATIN**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisites set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this~~

designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for LATI 1991 more than once, provided the subject matter differs.] (Format: Variable)

LATI 29T0 (3.00 CR)

SPECIAL TOPIC IN LATIN

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisites set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for LATI 2991 more than once, provided the subject matter differs.] (Format: Variable)~~

LATI 39T0 (3.00 CR)

SPECIAL TOPIC IN LATIN

Prereq: Second-year standing; 6 credits from HIST; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisites set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for LATI 3991 more than once, provided the subject matter differs.] (Format: Variable)~~

LATI 49T0 (3.00 CR)

SPECIAL TOPIC IN LATIN

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisites set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for LATI 4991 more than once, provided the subject matter differs.] (Format: Variable)~~

MATH 19T0 (3.00 CR)

SPECIAL TOPIC IN MATHEMATICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MATH 1991 more than once, provided the subject matter differs.] (Format: Variable)~~

MATH 29T0 (3.00 CR)**SPECIAL TOPIC IN MATHEMATICS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MATH 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

MATH 39T0 (3.00 CR)**SPECIAL TOPIC IN MATHEMATICS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MATH 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

MATH 49T0 (3.00 CR)**SPECIAL TOPIC IN MATHEMATICS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MATH 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

MUSC 19T0 (3.00 CR)**SPECIAL TOPIC IN MUSIC**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MUSC 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

MUSC 29T0 (3.00 CR)**SPECIAL TOPIC IN MUSIC**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this~~

designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MUSC 2991 more than once, provided the subject matter differs.} (Format: Variable)

MUSC 39T0 (3.00 CR)

SPECIAL TOPIC IN MUSIC

Prereq: MUSC 2211; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MUSC 3991 more than once, provided the subject matter differs.} (Format: Variable)

MUSC 49T0 (3.00 CR)

SPECIAL TOPIC IN MUSIC

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MUSC 4991 more than once, provided the subject matter differs.} (Format: Variable)

PHIL 19T0 (3.00 CR)

SPECIAL TOPIC IN PHILOSOPHY

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PHIL 1991 more than once, provided the subject matter differs.} (Format: Variable)

PHIL 29T0 (3.00 CR)

SPECIAL TOPIC IN PHILOSOPHY

Prereq: 3 credits from Humanities 1600 Series; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PHIL 2991 more than once, provided the subject matter differs.} (Format: Variable)

PHIL 39T0 (3.00 CR)**SPECIAL TOPIC IN PHILOSOPHY**

Prereq: 3 credits from PHIL; 3 credits from PHIL at the 2000 level; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PHIL 3991 more than once, provided the subject matter differs.}~~ (Format: Variable)

PHIL 49T0 (3.00 CR)**SPECIAL TOPIC IN PHILOSOPHY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PHIL 4991 more than once, provided the subject matter differs.}~~ (Format: Variable)

PHIL 40S0 (3.00 CR)**SELECTED TOPICS IN THE HISTORY OF PHILOSOPHY**

Prereq: 6 credits from PHIL; including 3 credits from PHIL at the 2000 level; or permission of the Department

This course involves careful study of one or more texts and themes in the History of Philosophy from antiquity to the twentieth century, depending on the interests and discretion of the instructor. ~~{Note 1: Permission of the Department is required. Note 2: Students may register for PHIL 4001 more than once, provided the subject matter differs.}~~ (Format: Seminar 3 Hours)
(Exclusion: Any version of PHIL 4101 in which the same material was covered)

PHIL 41S1 (3.00 CR)**SELECTED TOPICS IN MORAL, SOCIAL AND POLITICAL PHILOSOPHY**

Prereq: 6 credits from PHIL; including 3 credits from PHIL at the 2000 level; or permission of the Department

This course examines closely one or more themes and texts in Moral, Social, and Political Philosophy, depending on the interests and discretion of the instructor. Topics include contemporary virtue theory, deontological ethics, theories of recognition, multiculturalism, and cultural criticism. ~~{Note 1: Permission of the Department is required. Note 2: Students may register for PHIL 4111 more than once, provided the subject matter differs.}~~(Format: Seminar 3 Hours)

PHIL 42S1 (3.00 CR)**SELECTED TOPICS IN CONTINENTAL PHILOSOPHY**

Prereq: 6 credits from PHIL; including 3 credits from PHIL at the 2000 level; or permission of the Department

This course explores twentieth- and twenty-first-century philosophical schools associated with French and German traditions of thought. Topics may include phenomenology, existentialism, hermeneutics, deconstruction, affect theory, feminist new materialism, and other developments in contemporary Continental thought. ~~[Note 1: Permission of the Department is required. Note 2: Students may register for PHIL 4211 more than once, provided the subject matter differs.]~~
(Format: Lecture 3 Hours)

PHIL45S1 (3.00 CR)

SELECTED TOPICS IN PHILOSOPHY OF SCIENCE

Prereq: 6 credits from PHIL; including 3 credits from PHIL at the 2000 level; or permission of the Department

This course examines contemporary themes in the philosophy of science. Topics may include models and their use in scientific reasoning, philosophical foundations of statistical inference, the nature of scientific methods, truth and scientific progress, the political and moral elements of scientific research, science and the environment. It investigates the philosophical foundations of scientific theories of evolution, matter, time, biological life, and human social activity. ~~[Note 1: Permission of the Department is required. Note 2: Students may register for PHIL 4521 more than once, provided that the subject matter differs.]~~ (Format: Seminar 3 hours)

PHIL46S1 (3.00 CR)

SELECTED TOPICS IN ANALYTIC PHILOSOPHY

Prereq: 6 credits from PHIL; including 3 credits from PHIL at the 2000 level; or permission of the Department

This course examines contemporary themes in the analytic tradition of philosophy. Topics may include truth, logicism, the nature of reference, skepticism, the realism/anti-realism debate, historicism and the collapse of positivism or contextualism. ~~[Note 1: Permission of the Department is required. Note 2: Students may register for PHIL 4611 more than once, provided the subject matter differs]~~ (Format: Lecture 3 Hours)

PHYS 19T0 (3.00 CR)

SPECIAL TOPIC IN PHYSICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PHYS 1991 more than once, provided the subject matter differs.]~~ (Format: Variable)

PHYS 29T0 (3.00 CR)

SPECIAL TOPIC IN PHYSICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the~~

Dean. Note 3: Students may register for PHYS 2991 more than once, provided the subject matter differs.} (Format: Variable)

PHYS 39T0 (3.00 CR)

SPECIAL TOPIC IN PHYSICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PHYS 3991 more than once, provided the subject matter differs.} (Format: Variable)

PHYS 49T0 (3.00 CR)

SPECIAL TOPIC IN PHYSICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PHYS 4991 more than once, provided the subject matter differs.} (Format: Variable)

POLS 19T0 (3.00 CR)

SPECIAL TOPIC IN POLITICAL SCIENCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for POLS 1991 more than once, provided the subject matter differs.} (Format: Variable)

POLS 29T0 (3.00 CR)

SPECIAL TOPIC IN POLITICAL SCIENCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. {Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for POLS 2991 more than once, provided the subject matter differs.} (Format: Variable)

POLS 39T0 (3.00 CR)

SPECIAL TOPIC IN POLITICAL SCIENCE

Prereq: POLS 1001; 6 credits from POLS at the 2000 level; or permission of the Department. This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for POLS 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

POLS 49T0 (3.00 CR)

SPECIAL TOPIC IN POLITICAL SCIENCE

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for POLS 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

PSYC 19T0 (3.00 CR)

SPECIAL TOPIC IN PSYCHOLOGY

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PSYC 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

PSYC 29T0 (3.00 CR)

SPECIAL TOPIC IN PSYCHOLOGY

Prereq: Second-year standing; PSYC 1001; PSYC 1011; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PSYC 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

PSYC 39T0 (3.00 CR)

SPECIAL TOPIC IN PSYCHOLOGY

Prereq: Third-year standing; PSYC 1001; PSYC 1011; 6 credits from PSYC at the 2000 level This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are~~

announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PSYC 3991 more than once, provided the subject matter differs.} (Format: Variable)

PSYC 49T0 (3.00 CR)

SPECIAL TOPIC IN PSYCHOLOGY

Prereq: Third-year standing; 6 credits from PSYC at the 2000 level; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for PSYC 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

RELG 19T0 (3.00 CR)

SPECIAL TOPIC IN RELIGIOUS STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for RELG 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

RELG 29T0 (3.00 CR)

SPECIAL TOPIC IN RELIGIOUS STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for RELG 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

RELG 39T0 (3.00 CR)

SPECIAL TOPIC IN RELIGIOUS STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for RELG 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

RELG 49T0 (3.00 CR)**SPECIAL TOPIC IN RELIGIOUS STUDIES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for RELG 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

SCIE 19T0 (3.00 CR)**SPECIAL TOPIC IN SCIENCE**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean of Science. Note 3: Students may register for SCIE 1991 more than once, provided the subject matter differs.~~] (Format: Variable)

SCIE 29T0 (3.00 CR)**SPECIAL TOPIC IN SCIENCE**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean of Science. Note 3: Students may register for SCIE 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

SCIE 39T0 (3.00 CR)**SPECIAL TOPIC IN SCIENCE**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean of Science. Note 3: Students may register for SCIE 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

SCIE 49T0 (3.00 CR)**SPECIAL TOPIC IN SCIENCE**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course. [~~Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean of Science. Note 3: Students may register for SCIE 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

SOCI 19T0 (3.00 CR)**SPECIAL TOPIC IN SOCIOLOGY**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SOCI 1991 more than once, provided the subject matter differs.}~~ (Format: Variable)

SOCI 29T0 (3.00 CR)**SPECIAL TOPIC IN SOCIOLOGY**

Prereq: Take SOCI 1201 or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SOCI 2991 more than once, provided the subject matter differs.}~~ (Format: Variable)

SOCI 39T0 (3.00 CR)**SPECIAL TOPIC IN SOCIOLOGY**

Prereq: 6 credits from 2000 level; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SOCI 3991 more than once, provided the subject matter differs.}~~ (Format: Variable)

SOCI 49T0 (3.00 CR)**SPECIAL TOPIC IN SOCIOLOGY**

Prereq: 6 credits from SOCI 3001, 3011, 3301, 3311; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SOCI 4991 more than once, provided the subject matter differs.}~~ (Format: Variable)

SPAN 19T0 (3.00 CR)**SPECIAL TOPIC IN HISPANIC STUDIES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are~~

announced. ~~Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SPAN 1991 more than once, provided the subject matter differs.~~ (Format: Variable)

SPAN 29T0 (3.00 CR)

SPECIAL TOPIC IN HISPANIC STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SPAN 2991 more than once, provided the subject matter differs.]~~ (Format: Variable)

SPAN 39T0 (3.00 CR)

SPECIAL TOPIC IN HISPANIC STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SPAN 3991 more than once, provided the subject matter differs.]~~ (Format: Variable)

SPAN 49T0 (3.00 CR)

SPECIAL TOPIC IN HISPANIC STUDIES

Prereq: 6 credits from SPAN at the 3000 level; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~[Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SPAN 4991 more than once, provided the subject matter differs.]~~ (Format: Variable)

UNST 19T0 (3.00 CR)

UNIVERSITY SPECIAL TOPIC

This course focuses on a topic not covered by the current course offerings in a department or program. ~~[Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 1: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least two months in advance, to the Dean. Note 3: Students may register for UNST 1991/2991/3991/4991 more than once, provided the subject matter differs.]~~ (Format: Variable)

UNST 1993 (3.00 CR)**UNIVERSITY SPECIAL TOPIC**

This course focuses on a topic not covered by the current course offerings in a department or program. ~~{Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least **two** months in advance, to the Dean. (I think we can pull this off in two months, but we need a better process to submit/approve requests) Note 3: Students may register for UNST 1991/2991/3991/4991 more than once, provided the subject matter differs.}~~ (Format: Variable)

UNST 29T0 (3.00 CR)**UNIVERSITY SPECIAL TOPIC**

This course focuses on a topic not covered by the current course offerings in a department or program. ~~{Note 1: Prerequisite set by the Department/Program when the topic and level are announced.}~~ **Note 1:** When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least **two** months in advance, to the Dean. ~~Note 3: Students may register for UNST 1991/2991/3991/4991 more than once, provided the subject matter differs.}~~ (Format: Variable)

UNST 39T0 (3.00 CR)**UNIVERSITY SPECIAL TOPIC**

This course focuses on a topic not covered by the current course offerings in a department or program. ~~{Note 1: Prerequisite set by the Department/Program when the topic and level are announced.}~~ **Note 1:** When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least **two** months in advance, to the Dean. ~~Note 3: Students may register for UNST 1991/2991/3991/4991 more than once, provided the subject matter differs.}~~ (Format: Variable)

UNST 49T0 (3.00 CR)**UNIVERSITY SPECIAL TOPIC**

This course focuses on a topic not covered by the current course offerings in a department or program. ~~{Note 1: Prerequisite set by the Department/Program when the topic and level are announced.}~~ **Note 1:** When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least **two** months in advance, to the Dean. (I think we can pull this off in two months, but we need a better process to submit/approve requests) ~~Note 3: Students may register for UNST 1991/2991/3991/4991 more than once, provided the subject matter differs.}~~ (Format: Variable)

VMCS 19T0 (3.00 CR)**SPECIAL TOPIC IN VISUAL AND MATERIAL CULTURES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. ~~{Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the~~

Dean. Note 3: Students may register for VMCS 1991 more than once, provided the subject matter differs.] (Format: Variable)

VMCS 29T0 (3.00 CR)

SPECIAL TOPIC IN VISUAL AND MATERIAL CULTURES

Prereq: VMCS 1201 or 1301; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for VMCS 2991 more than once, provided the subject matter differs.]~~ (Format: Variable)

VMCS 39T0 (3.00 CR)

SPECIAL TOPIC IN VISUAL AND MATERIAL CULTURES

Prereq: VMCS 1201 or 1301; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for VMCS 3991 more than once, provided the subject matter differs.]~~ (Format: Variable)

VMCS 49T0 (3.00 CR)

SPECIAL TOPIC IN VISUAL AND MATERIAL CULTURES

Prereq: VMCS 1201 or 1301; or permission of the Department This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for VMCS 4991 more than once, provided the subject matter differs.]~~ (Format: Variable)

WGST 19T0 (3.00 CR)

SPECIAL TOPIC IN WOMEN'S AND GENDER STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for WGST 1991 more than once, provided the subject matter differs.]~~ (Format: Variable)

WGST 29T0 (3.00 CR)

SPECIAL TOPIC IN WOMEN'S AND GENDER STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for WGST 2991 more than once, provided the subject matter differs.~~] (Format: Variable)

WGST 39T0 (3.00 CR)

SPECIAL TOPIC IN WOMEN'S AND GENDER STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for WGST 3991 more than once, provided the subject matter differs.~~] (Format: Variable)

WGST 49T0 (3.00 CR)

SPECIAL TOPIC IN WOMEN'S AND GENDER STUDIES

Prereq: Second year standing; or permission of the Program Director This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. [~~Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for WGST 4991 more than once, provided the subject matter differs.~~] (Format: Variable)

The Academic Matters Committee recommends approval of the following addition to the academic program offerings under the 2020-2021 calendar:

4. CERTIFICATE IN FOUNDATIONS OF HEALTH:

18 credits from:

- 3 credits BIOL 3211 (Human Physiology)
- 3 credits BIOL 3221 (Human Anatomy) or BIOL 3751 (Comparative Chordate Anatomy)
- 3 credits PSYC 2101 (Biopsychology)
- 3 credits PSYC 2611 (Health Psychology)

At least 3 credits from¹:

- PSYC 3151 (Drugs and Behaviour)
- PSYC 3211 (Sensation and Perception)
- PSYC 4611 (Advanced Topics in Health Psychology)
- PSYC 3101 (Human Neuropsychology)
- PSYC 4101 (Advanced Topics in Behavioural Neuroscience)

- PSYC 4611 (Advanced topics in Health Psychology)
- BIOL 2811 (Genetics & Evolution)
- BIOL 3911 (Plants and Human Society)
- BIOL 4221 (Exercise Physiology), BIOL 4311 (Neurophysiology)

At least 3 credits from¹:

- PSYC 2431 (Child and Adolescent Development)
- PSYC 3421 (Adulthood and Aging)
- PSYC 3311 (Human Sexuality)
- PSYC 3331 (Death & Dying)
- PSYC 3511 (Psychology of Gender)
- PSYC 4411 (Advanced topics in Adulthood and Aging)
- SOCI 2611 (Sociology of Disability)
- SOCI 3511 (Sociology of Health and Illness)
- SOCI 3761 (Community Health)
- SOCI 4201 (Sociology of Human Services)
- SOCI 4601 (Sociology of the Body)
- ECON 3111 (Health Economic)
- PHIL 3511 (Philosophy of the Life Sciences)
- PHIL 3711 (Biomedical Ethics)
- PHIL 3741 (Philosophy of Disability),
- COMM 4391 (Occupational Health & Safety).

¹ Department Heads could give permission for selected Special Topics courses to be included in this list if the course topic is appropriate.

Note: Students will also be required to obtain the Certificate of completion of the TCPS 2 Tutorial Course on Research Ethics.

Certificate Overview:

The psychology and biology departments are proposing the addition of a Certificate in Foundations of Health to the Academic Calendar. This certificate would involve students completing 18 credits from existing courses across multiple departments. All students would take courses on both the biological bases of health and the social determinants of health. Specifically, students would be required to complete 6 credits from the biology department (anatomy and physiology), and 6 credits in the psychology department (biopsychology and health psychology). Each student would be required to take a minimum of 6 further credits from a list of elective courses addressing the biological and psychosocial bases of health and health care and demonstrate understanding of research ethics by completing training on the Ethical Conduct for Research Involving Humans certificate that is available as a self-paced on-line course offered by Canadian Tri-council agencies.

Learning Outcomes:

Students who complete this certificate will have achieved the following outcomes:

- Understand the basic anatomical and physiological functions of the human body.

- Understand the basic relationship between psychological factors and physical health.
- Understand the impact of societal and cultural factors on health and well-being.
- Understand research terminology used in the health sciences across different disciplines.
- Understand basic research methodology of the health sciences across different disciplines.
- Understand the ethical issues involved in health care research.
- Receive introductory training for moving on to professional studies in health care.
- Gain an understanding of the complexity of the interdisciplinary approach to health research and care.

Rationale:

It is expected that this certificate would be of interest to students planning a career in health care broadly defined, including medicine, nursing, allied health care professions, and health policy. It highlights key skills and knowledge for potential employers, both in the public and private sector (e.g., government research, hospitals, science journalism, etc.). This certificate could serve as a recruitment tool to attract new students and retain existing students.

The proposed certificate program would use existing courses and resources. It is not expected to involve any additional costs. Although it is feasible for students in all majors, given the pre-requisites involved for the required courses of the certificate, it is expected that Psychology and Biology majors will be the students most likely to complete a certificate in Foundations of Health.

5. CHANGES TO THE CANADIAN PUBLIC POLICY PROGRAM

- Interdisciplinary B.A. Program

The Academic Matters Committee recommends the following changes to the Canadian Public Policy Program for the 2020-2021 academic calendar:

- Changes in program requirements:
 - Major in Canadian Public Policy
 - New Minor in Canadian Public Policy

MAJOR in CANADIAN PUBLIC POLICY is 60 credits earned as follows:

~~18 credits from:~~

- ~~• COMM 2101~~
- ~~• COMM 2131~~
- ~~• COMM 2301~~
- ~~• COMP 1631~~
- ~~• MATH 1111~~
- ~~• MATH 2311~~

27 credits from:

- ~~• ECON 1001~~
- ~~• ECON 1011~~

- ~~ECON 2301~~
- ~~ECON 2311~~
- ~~ECON 3101~~
- ~~ECON 3111~~
- ~~POLS 1001~~
- ~~POLS 2101~~
- ~~POLS 3101~~
- ~~POLS 3111~~

6 credits from:

- ~~HIST 3431~~
- ~~HIST 3441~~
- ~~HIST 4420~~
- ~~SOCI 3521~~
- ~~ANTH 3851~~

~~9 from courses at the 3/4000 levels in Canadian Studies, Commerce, Economics, French, Geography and Environment, Political Science, Philosophy, Sociology and Anthropology, chosen in consultation with the Program Advisor.~~

-

~~Note 1: The listing of a course in the Calendar is not a guarantee that the course is offered every year.~~

~~Note 2: Students must obtain a grade of at least C in all courses used to fulfill prerequisite requirements. Otherwise, written permission of the appropriate Department Head or Program Co-ordinator must be obtained.~~

CHANGES TO THE CANADIAN PUBLIC POLICY PROGRAM

Core (36 credits as follows):

6 from POLS 1001, 2101

3 from POLS 2001, 2211, or 2221

9 from POLS 3031, 3101, 3111, 3141 or 3211

6 from ECON 1001, 1011

12 from ECON 2301, 2311, 3101, 3111, 3201, 3211, 3601 or 3801

Optional Streams (24 credits):

Choose 12 credits from each of two of the following streams with at least 6 CR in each stream at the 3/4000 level:

Canadian Studies:

- CANA 2121
- CANA 2431
- CANA 3111
- CANA 3301

- CANA 3401
- CANA 3421
- CANA 3821
- CANA 3831 OR 3841
- CANA 4111
- CANA 4301

Commerce:

- COMM 2101
- COMM 2121
- COMM 2131
- COMM 2301
- COMM 2311
- COMM 3161
- COMM 3321
- COMM 3501
- COMM 3611
- COMM 3391

Economics:

- Any of ECON courses at 2/3000 level not counted in the Core;
- ECON 3401
- ECON 3711
- ECON 3721
- ECON 3821
- ECON 4501

Environmental Science:

- GENV 2101
- GENV 3101
- GENV 3111
- GENV 3201
- GENV 3211
- GENV 3511
- GENV 4111
- GENV 4201
- GENV 4211

History:

- HIST 3401
- HIST 3431
- HIST 3441
- HIST 3461
- HIST 3471
- HIST 3491
- HIST 3811
- HIST 4411
- HIST 4441

- HIST 4461

French:

- FREN 2401
- FREN 2501
- FREN 2601
- FREN 3101
- FREN 3111
- FREN 3131

Statistics/Economics:

- ECON 1701
- ECON 2701
- ECON 3401
- ECON 4700
- MATH 2311
- MATH 2321
- MATH 3151
- MATH 3311
- MATH 3321

Political Science:

- Any of POLS courses at 3000 level not counted in Core
- POLS 3151
- POLS 3211
- POLS 3351
- POLS 4121
- POLS 4141
- POLS 4161
- POLS 4201

Sociology:

- SOCI 2111
- SOC 2121
- SOC 2611
- SOC 2401
- SOC 3511
- SOC 3551
- SOC 3701
- SOC 3711
- SOC 3781
- SOC 4201

Note 1: Students are responsible for ensuring that they have prerequisites for third and fourth-year courses in the optional streams.

Rationale:

The Canadian Public Policy (CPP) program began in the 1997-1998 academic year.¹ Its roots² are in the 1993-1995 Curriculum Committee that recommended the return of majors and minors

programs combined with a distribution credit system. The changes also facilitated the creation of several interdisciplinary programs including Canadian Public Policy.³ As originally designed, the CPP program was to “provide students interested in pursuing a *career* in the Canadian public sector with a coherent program of study” (original emphasis).⁴ The original program was anchored in economics, political science and commerce with complementary courses to be selected from a range of other disciplines.

Unfortunately, the Canadian Public Policy program has been less than successful. Only one student has ever graduated from the program (x in 2000). Since 2012, there has only been one student registered in the program, but they subsequently withdrew from the university (y).⁵

Changes to the Canadian Public Policy program are required to ensure it is relevant and interesting for students. The Economics Department itself questioned this issue as detailed in their 2013 Departmental Self-Study (pp. 11, 17-18) and suggested consultation with Mario Levesque, a new hire in Canadian Public Policy at that time.⁶ The 2013 Economics External Review recommended retaining the program, given it did not consume significant resources, but significantly revising it. The Economics Department has since committed itself to exploring how to do so as noted in their 2014 Response to the Report of the External Reviewers.⁷

What followed were various one-on-one discussions by Mario Levesque with students to identify what they thought about the program and why or why it was not attractive. Students overwhelmingly responded that the program as it stood was too “numbers focused” rather than on policy processes and dynamics, and desired more focused options. They also noted the lack of a significant profile for CPP in the suite of Mount Allison program offerings.

In the Fall of 2016, Mario Levesque initiated revisions of the CPP program after discussing the situation with Steve Law, the Head of the Economics Department at the time. By February 2017, a proposed set of revisions was agreed to yet further progress was stalled due to various issues including a change in the Headship of the Economics Department (now Craig Brett) and staffing issues. In the Winter of 2019, the CPP program revisions were revisited and relevant departmental consultation was initiated, and approvals received by October 2019.

The CPP revisions are centered on the following:

- focusing the program on the policy process and policy analysis;
- developing a common Core supported by a set of focused streams, thereby providing students focused choices in their options;
- reducing the “numbers focused” orientation of the program in the Core but including three optional streams (Commerce, Economics, Statistics) for those interested in “numbers”;
- Core and elective courses tailored to support the focus on the policy process;
- inclusion of an optional language stream (French) reflecting the bilingual nature of Canada;
- ensuring minimal overlap with existing programs such as International Relations and PPE (the focus on the policy focus and policy analysis achieves this), as well as with existing politics and economics programming.

As for the Core, the focus is on Economics and Politics and, specifically, the policy process and policy analysis. Commerce has been moved to one of the optional streams to facilitate a more focused core and to reduce the “numbers” dynamic. History has also been moved to an optional stream in order to better position it (more course offerings). A similar situation occurs with Sociology. Overall, the proposed changes allow for a more focused Core while maximizing student interest via the optional streams.

As for the optional streams, Anthropology was removed given its cancellation from the curriculum. Philosophy electives have been removed given students have the PPE program for this interest as well. A French option has been kept as an option since Canada is a bilingual country. A history stream has been added given much of what is related to public policy goes back decades and so it is important to understand the historical dynamics. Commerce and Canadian Studies have been kept. The challenging stream to address has been Geography and Environment. It has been kept as an optional stream, but care has been taken to minimize overlap in courses with the optional policy stream that is part of the Major in Environmental Studies. The fact that the core of the proposed revised Major in Canadian Public Policy and the existing Major in Environmental Studies is significantly different is reassuring.

We believe the proposed revisions to the CPP program are timely and will be welcomed by students. Negative effects on other programs will also be minimal, if any. For example, a student interested in pure numbers will continue to pursue an Economics (or Math, Statistics, Commerce...) degree. They will not do a public policy degree since the policy dynamic is not their “bend”. Similarly, those interested in broader political life will pursue a Politics degree, those interested in political theory and philosophy will continue to pursue a PPE, Politics or Philosophy degree, while those interested in international politics will pursue their International Relations degree. Lastly, students will also have the option of taking a new MINOR in Canadian Public Policy as proposed below, which preserves their main interest (e.g., Economics).

We are also confident that the need to gain prerequisites in some of the optional fields can be easily communicated to students as part of our standard advising literature. Lastly, we will work with Mount Allison University recruiters to ensure knowledge of the program.

The Academic Matters Committee recommends the following new Minor be added:

MINOR in Canadian Public Policy is 24 credits earned as follows:

6 from POLS 1001, 2101

6 from ECON 1001, 1011

3 from POLS 3141

3 from ECON 2301 OR 2311

6 from 3/4000 level courses in one of the streams listed under the MAJOR in CANADIAN PUBLIC POLICY

Rationale:

The new MINOR in Canadian Public Policy bundles a select core set of courses with the ability to select optional courses in one of the streams identified in the MAJOR. We believe it would be

a good complement for many disciplines including biology, chemistry, philosophy, history, international relations, economics, and history, among others.

APPENDIX

MAJOR - CANADIAN PUBLIC POLICY CORE (36 credits)

18 credits from POLS

6 credits from:

- POLS 1001- FOUNDATIONS OF POLITICS
- POLS 2101- CANADIAN GOVERNMENT AND POLITICS

3 credits from:

- POLS 2001- DEMOCRATIC THOUGHT
- POLS 2211- CANADA AND THE WORLD
- POLS 2221- INTRODUCTION TO COMPARATIVE POLITICS

9 credits from:

- POLS 3031- WOMEN AND POLITICS
- POLS 3101- POLITICAL LEADERSHIP IN CANADA
- POLS 3111- CANADIAN FEDERALISM AND INTERGOVERNMENTAL RELATIONS
- POLS 3141- CANADIAN PUBLIC POLICY
- POLS 3211- AMERICAN GOVERNMENT & POLITICS

18 credits from ECON

6 credits from:

- ECON 1001- PRINCIPLES OF MICROECONOMICS
- ECON 1011- PRINCIPLES OF MACROECONOMICS

12C credits from:

- ECON 2301- ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY I
- ECON 2311- ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY II
- ECON 3101- LAW AND ECONOMICS
- ECON 3111- HEALTH ECONOMICS
- ECON 3201- MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MICRO PERSPECTIVES
- ECON 3211- MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MACRO PERSPECTIVES
- ECON 3601- PRINCIPLES OF COST-BENEFIT ANALYSIS
- ECON 3801- ENVIRONMENTAL ECONOMICS

OPTIONAL STREAMS (24 credits)

Canadian Studies

- CANA 2121- CULTURAL DIVERSITY IN CANADA
- CANA 2431- COMPARATIVE CANADIAN REGIONALISM

- CANA 3111- INDIGENOUS CANADA
- CANA 3301- GENDER IN CANADA
- CANA 3401- CONTEMPORARY CANADIAN ISSUES
- CANA 3421- CANADIAN – AMERICAN RELATIONS
- CANA 3821 - THE INDIAN ACT: LAW, POLICY, AND CANADIAN FIRST PEOPLES
Either of CANA 3831- INDIGENOUS CANADA: HIST PERSPECTIVE or CANA 3841 - BORDERLANDS
- CANA 4111- ABORIGINAL POLITICAL AND LEGAL ISSUES
- CANA 4301- GENDER AND SETTLER COLONIALISM FEMINISM AND GENDER STUDIES

Commerce

- COMM 2101- INTRODUCTORY FINANCIAL ACCOUNTING I
- COMM 2121- INTRODUCTORY FINANCIAL ACCOUNTING II
- COMM 2131 - MANAGEMENT ACCOUNTING
- COMM 2301- ORGANIZATIONAL BEHAVIOUR I
- COMM 2311- ORGANIZATIONAL BEHAVIOUR II
- COMM 3161- INTRODUCTION TO AUDITING
- COMM 3321- HUMAN RESOURCE MANAGEMENT
- COMM 3391- CRITICAL ISSUES IN WORK AND EMPLOYMENT
- COMM 3501- INTRODUCTION TO FINANCE
- COMM 3611- COMMERCIAL LAW

Economics (choose 12 credits not counted in the core)

- ECON 2301- ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY I
- ECON 2311- ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY II
- ECON 3101- LAW AND ECONOMICS
- ECON 3111- HEALTH ECONOMICS
- ECON 3201- MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MICRO PERSPECTIVES
- ECON 3211- MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MACRO PERSPECTIVES
- ECON 3401- SURVEY RESEARCH METHODS
- ECON 3601- PRINCIPLES OF COST-BENEFIT ANALYSIS
- ECON 3711- LABOUR MANAGEMENT RELATIONS
- ECON 3721- LABOUR ECONOMICS
- ECON 3801- ENVIRONMENTAL ECONOMICS
- ECON 3821- NATURAL RESOURCE ECONOMICS
- ECON 4501- PUBLIC FINANCE: TAXATION AND FISCAL FEDERALISM

Geography & Environmental Studies

- GENV 2101 – NATURAL RESOURCES MANAGEMENT
- GENV 3101 – ENVIRONMENT AND DEVELOPMENT
- GENV 3111 – GENDER, RACE, AND ENVIRONMENTAL JUSTICE
- GENV 3201 – CANADIAN ENVIRONMENTAL POLICY

- GENV 3211 – TRANSPORTATION GEOGRAPHY
- GENV 3511 – RURAL AND SMALL TOWN CANADA
- GENV 4111 – INTERNATIONAL ENVIRONMENTAL AFFAIRS
- GENV 4201 – CANADIAN ENVIRONMENTAL PLANNING AND MANAGEMENT
- GENV 4211 – RESOURCE COMMUNITIES AND THE MULTINATIONAL CORPORATION

History

- HIST 3401- THE ATLANTIC REGION
- HIST 3431- QUEBEC FROM CONFEDERATION TO THE SOVEREIGNTY MOVEMENT
- HIST 3441- MODERN CANADA
- HIST 3471- CANADIAN WOMEN IN HISTORICAL PERSPECTIVE
- HIST 3461- CANADA AND ASIA
- HIST 3491 - IMMIGRATION IN CANADIAN HISTORY
- HIST 3811 - CANADIAN WORKING-CLASS & LABOUR HISTORY
- HIST 4411- CANADIAN URBAN HISTORY
- HIST 4441- MODERN CANADIAN HISTORY
- HIST 4461- ADVANCED SEMINAR ON MODERN CANADIAN WOMEN'S HISTORY

French

- FREN 2401- READING AND WRITING FRENCH I
- FREN 2501- READING AND WRITING FRENCH II
- FREN 2601- FUNDAMENTALS OF LITERARY ANALYSIS
- FREN 3101- ADVANCED WRITTEN FRENCH I
- FREN 3111- ADVANCED WRITTEN FRENCH II
- FREN 3131- ADVANCED ORAL FRENCH

Political Science

- Either of POLS 3031 or 3101 not counted in the Core
- POLS 3151- POLITICAL PARTIES AND ELECTIONS IN CANADA
- POLS 3211- AMERICAN GOVERNMENT
- POLS 3351- FOREIGN POLICY ANALYSIS
- POLS 4121- ENVIRONMENTAL CONFLICTS IN CANADA
- POLS 4141- INTEREST GROUPS AND SOCIAL MOVEMENTS IN CANADA
- POLS 4161- DISABILITY POLITICS AND POLICY
- INLR 4201 - CANADA, GLOBALIZATION, AND INTERNATIONAL DEVELOPMENT

Sociology

- SOCI 2111- SOCIAL CLASS AND INEQUALITY
- SOCI 2121- RACE AND RACIALIZATION
- SOCI 2401- COLONIALISM, RACISM, AND INDIGENEITY IN CANADA
- SOCI 2611- SOCIOLOGY OF DISABILITY
- SOCI 3511- SOCIOLOGY OF HEALTH AND ILLNESS

- SOCI 3701- SOCIAL POLICY ANALYSIS
- SOCI 3711- COMPARATIVE SOCIAL POLICY
- SOCI 3781- PROGRAM EVALUATION
- SOCI 4201- SOCIOLOGY OF HUMAN SERVICES

Statistics

- ECON 1701- OBSERVATIONAL DATA ANALYSIS
- ECON 2701- INTRODUCTION TO ECONOMETRICS
- ECON 3401- SURVEY RESEARCH METHODS
- ECON 4700- ECONOMETRICS
- MATH 2311- STATISTICS I
- MATH 2321- STATISTICS II
- MATH 3151*- AN INTRODUCTION TO MATHEMATICAL MODELLING
- MATH 3311*- PROBABILITY & STATISTICS I
- MATH 3321- PROBABILITY & STATISTICS II

MINOR - CANADIAN PUBLIC POLICY

9 credits from POLS:

- POLS 1001- FOUNDATIONS OF POLITICS
- POLS 2101- CANADIAN GOVERNMENT AND POLITICS
- POLS 3141- CANADIAN PUBLIC POLICY

9 credits from ECON:

- ECON 1001- PRINCIPLES OF MICROECONOMICS
- ECON 1011- PRINCIPLES OF MACROECONOMICS
- ECON 2311 or ECON 2311 - ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY I
- Or ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY II

+ Choose 6CR at the 3/4000 level in one of the streams listed under the MAJOR in CANADIAN PUBLIC POLICY

6. The Academic Matters Committee recommends approval of the following changes to Biology course titles, course descriptions, prerequisites under the 2020-2021 calendar:

BIOLOGY

- changes in course titles: BIOL 3361, BIOL 3511, BIOL 3661
- changes in course descriptions: BIOL 3361, BIOL 3511, BIOL 3621, BIOL 3631
- changes in prerequisites: BIOL 3361, BIOL 3401, BIOL 3621, BIOL 3631
BIOL 3661

- changes in program requirements: Major, Minor, Honours

a) CHANGES TO COURSES

BIOL 3361 (3.00)

~~Marine Biology I: Coastal Systems~~ **Coastal Marine Biology**

Prereq: BIOL 2101; 2401; **3 credits from BIOL 2701, GENS 2431, PSYC 2011**, or permission of the Department

This course investigates the ecology of estuarine, intertidal, and subtidal ecosystems **with a particular focus on ecosystems within Atlantic Canada.** ~~at the individual, population and community level. Topics include community structure, food webs, reproductive biology of benthic organisms, and effects of physical and anthropogenic factors.~~ **Fundamental aspects of marine science will be covered to highlight the physical, geological, and chemical processes that shape coastal ecosystems. Building from these fundamentals, students will explore the community ecology, food webs, and biodiversity of the major types of coastal ecosystems.**

Note: The course includes a **required** field trip to the Huntsman Marine Sciences Centre in St. Andrews, N.B. Students are expected to contribute to their accommodation costs.] (Format: Lecture 3 Hours, Field Trip)

Rationale: The current title of this course was awkward considering that there is no “Marine Biology II” in the course catalog. The revised course description clarifies that the course covers physical, geological, and chemical processes that are essential for understanding marine biology, and also emphasizes the ecological and local focuses of the course. We propose adding an introductory statistics course as a pre-requisite because the class involves independent projects that assume students have some basic statistical knowledge. Most students will take BIOL 2701 anyway as part of their major, but we are also allowing equivalent courses from Geography and Environment and Psychology to accommodate students from those departments who may need the course for their degree or are minoring in Biology.

BIOL 3401 (3.00)

Animal Behaviour

Prereq: BIOL 2101; BIOL 2401; or permission of the Department

Prereq or coreq: 3 credits from BIOL 2701, GENS 2431, PSYC 2011, or permission of the Department

A course which will present the development, physiology, ecology and evolution of animal behaviour. Topics to be discussed will include basic concepts of behavioural organization; physiology of behaviour, learning and memory phenomena; behaviour of communication; reproductive behaviour and mating systems; spatial distribution patterns and social systems; migrations and orientation mechanisms; feeding and anti-predator behaviours. Field excursions and laboratory exercises will permit students to observe and to quantify different behaviours in a variety of animal species. (Format: Lecture 3 Hours, Laboratory 3 Hours)

Rationale: We propose adding an introductory statistics course as a pre-requisite or co-requisite because the class involves independent projects that assume students have some basic statistical knowledge. Most students will take BIOL 2701 anyway as part of their major, but we are also allowing equivalent courses from Geography and Environment and Psychology to accommodate students from those departments who may need the course for their degree or are minoring in Biology.

BIOL 3511 (3.00)

~~Invertebrate Zoology~~ **Integrative Invertebrate Biology**

Prereq: BIOL 2401; or permission of the Department

~~This course investigates in an evolutionary framework the variation in body plan, physiology, reproduction, and ecology for the more than thirty invertebrate phyla.~~ **This course draws from many disciplines within the biological sciences to explore the importance of invertebrates at both the ecosystem and global scale. Aspects of evolutionary biology, behavioural ecology, ecosystem ecology, and biogeochemistry are integrated to study invertebrate diversity and roles in terrestrial, freshwater, and marine ecosystems.**

(Format: Lecture 3 Hours, Laboratory 3 Hours) (Exclusion: BIOL 4511)

Rationale: The previous description of this course was overly broad and implied a course that dealt with the breadth of invertebrate diversity (“more than thirty invertebrate phyla”). The new course title and description reflect the fact that the course now focuses on how invertebrates came to occupy their most important roles, and also uses an interdisciplinary approach to explore the invertebrate taxa that have greatest impacts on ecosystem function.

BIOL 3621 (3.00)

Applied Genetics

Prereq ~~or coreq~~: BIOL ~~3661~~ **2811**; or permission of the Department

This course explores how genetic technologies can be used to solve current problems in biology, ranging from ecology to medicine. It teaches skills in current genetic technologies including some or all of: polymerase chain reaction (PCR), DNA extraction, gel electrophoresis, cytology, in situ hybridization, immunocytology, data mining, bioinformatics, conventional light microscopy, fluorescent microscopy, scanning electron microscopy, and related techniques.

(Format: Integrated Lecture and Laboratory, ~~5~~ **4** Hours)

Rationale: The original prerequisite was selected when it was thought that this course would follow Biol 3661. Scheduling and instructor constraints make it difficult to schedule both courses in sequence, or even at all, so changing the pre-requisite and simplifying the course content will allow increased scheduling flexibility for Biol 3621. The co-requisite option has been removed because the pre-requisite has been changed to a second-year course, and students need to have completed it before taking this class. Currently 4 hours/week (1 lecture period followed by 1 lab period) are allocated to the course. It is unclear how easily 5 hours could be accommodated in the schedule and attempting to do this would constrain the scheduling of this course. Therefore, we propose to change the listing from 5 to 4.

BIOL 3631 (3.00)

Developmental Biology

Prereq: ~~Take 3 credits from~~ BIOL 2811 ~~(or 6 credits from BIOL 2601, BIOL 2801)~~; or permission of the Department

The course provides a foundation to the rapidly expanding field of Developmental Biology, which draws upon the disciplines of Cell Biology, Genetics, and Molecular Biology. This course focuses on the structural changes exhibited during the development, differentiation, and growth of organisms. It examines gametogenesis, fertilization, and embryogenesis in a variety of model organisms. Laboratory exercises reinforce the concepts and stages of development. (Format:

Integrated Lecture and laboratory 3 hours ~~Lecture 3 Hours, Laboratory 3 hours~~ (Exclusion: BIOL 3311; any version of BIOL 3631 previously offered with a different title).

Rationale: Due to scheduling and space constraints, the course was last offered as a 3-hour integrated lecture and lab course. This delivery method worked remarkably well, and we propose to make this change permanent. Prerequisite change: This is a housekeeping change. The cohort of students who would have taken Biol 2601 and 2801, which has been replaced by BIOL 2811, should all have graduated by now, and inclusion of those non-existent courses is confusing. For the few who may have taken the old courses, departmental permission remains available.

BIOL 3661 (3.00)

Human Genetics ~~Genetic Analysis~~

Prereq: ~~take 3 credits from~~ BIOL 2811 ~~(or 6 credits from BIOL 2601, 2801)~~; or permission of the department

This course explores how the genetic program of cells interacts with the external and organismal environment to produce the phenotype of the organism. It explores our current understanding of how interactions between genes, gene identification, gene-environment interactions, gene regulation, and epigenetics allow normal development. Human, animal, and plant diseases provide examples of how these processes work and the consequences of disruption. (Format: Lecture 3 Hours)

Rationale: The changed title of this course is being suggested because students entering some health science professional programs require a course called “human genetics”. Currently, the course instructor deals with this by writing letters explaining that the course content covers human genetics. This is sometimes accepted and sometimes not. The content of the course is not changing; however, this title change may help our students have their coursework here accepted in professional programs. The same textbook, Human Genetics, will be used and examples of human genetics as well as other organisms will continue to be used as before. This rationale was the same used when the title of BIOL 3211 was changed to human physiology several years ago. Prerequisite change: This is a housekeeping change. The cohort of students who would have taken Biol 2601 and 2801, which has been replaced by Biol 2811, should all have graduated by now, and inclusion of those non-existent courses is confusing. For the few who may have taken the old courses, departmental permission remains available.

b) CHANGES TO MAJOR/MINOR/HONOURS PROGRAM

MINOR in Biology is 24 credits earned as follows:

6 from BIOL 1001, 1501

3 from ~~CHEM 1001~~, BIOC 1001

9 from BIOL 2101, 2201, 2301, 2401, 2701, 2811

from Biology at the 3/4000 level. Up to 3 credits of this requirement may be obtained from the 6 following courses: BIOC 3041, BIOC 3501, BIOC 3521, PSYC 3101, PSYC 3211, **PSYC 3141**, **PSYC 4101**, PSYC 4611, GENS 3431, GENS 3461, **GENS 3881**, GENS 4421, **GENS 4881**

MAJOR in Biology is 60 credits earned as follows:

6 from BIOL 1001, 1501

3 from PHYS 1051, 1041

3 from MATH 1111 or 1151

3 from MATH 1121, 1251, **1311**, 2211, 2221, or COMP 1631

3 from CHEM 1001

3 from BIOC 1001

9 from BIOL 2101, 2701, 2811

9 from BIOL 2201, 2301, 2401, BIOC 2001

21 additional credits from Biology at the 3/4000 level.

Up to 6 credits of this requirement may be obtained from the following courses: BIOC 3041, BIOC 3501, BIOC 3521, PSYC 3101, PSYC 3211, **PSYC 3141, PSYC 4101**, PSYC 4611, GENS 3431, GENS 3461, **GENS 3881**, GENS 4421, **GENS 4881**

Note 1: BIOC 2001 is a prerequisite for several 3/4000 Biology courses.

Note 2: Additional 3/4000 level courses are needed to fulfill Calendar Regulation 11.3.5.

HONOURS in Biology is 75 credits earned as follows:

60 as in the Major, ~~including 3 credits from BIOL 2701 or 4711~~, plus:

9 from BIOL 4903, 4990

6 from Biology at the 3/4000 level, chosen in consultation with the Program Advisor

Note 1: The thesis required will involve laboratory or field investigation, and unless the candidate shows satisfactory ability to carry on independent work, honours will not be recommended. ~~With permission of the Biology Department, up to 6 credits from an approved list of courses given in other departments can be used as the equivalent of Biology courses in the Major or Honours.~~

Rationale: For the minor, CHEM 1001 is being deleted as an option because it was a false option that was left over from a long-ago changed pre-requisite stream and was simply missed in a previous revision. BIOC 1001 is required for BIOL 1501 (also part of the minor), so there is no flexibility to choose between BIOC 1001 and CHEM 1001. For both the Minor and Major, we have added four new courses to the list of classes from other departments that can be used to fulfill part of the 3000 and 4000-level biology requirement. These are courses that have recently received permanent numbers. We allowed these by departmental permission when they were offered as x991 courses. Now that they have or will have permanent numbers, we can add them to our program. For the Major, we propose adding MATH 1311 as an option for our students to fulfill their Math requirement. This course is a recently approved addition to the Science Core.

For Honours, we propose only housekeeping changes. The requirement that honours students must take either BIOL 2701 or 4711 is redundant because all Majors are now required to take 2701. The statement that courses with biological content from other departments can be counted as biology credits with departmental permission is also redundant because those courses are now listed explicitly in the Major.

7. CHEMISTRY AND BIOCHEMISTRY

The Academic Matters Committee recommends approval of the following changes in Chemistry and Biochemistry courses for the 2020-2021 calendar:

- deletion of course: CHEM 3251
- changes to course numbering, prerequisites and exclusions: CHEM 2121 to CHEM 3111; CHEM 3111 to CHEM 3121; CHEM 4521 to CHEM 3521
- changes to course descriptions and exclusions: CHEM 2211, CHEM 3231
- changes to prerequisites: CHEM 3231, CHEM 3321, CHEM 4211
- changes to exclusions for: CHEM 4211
- changes to notes for: CHEM 3231
- changes to program descriptions (course numbering): Biochemistry and Chemistry program course numbering

a) DELETION OF COURSES

- deletion of the following course:

CHEM 3251 (3CR)
Physical Chemistry: Spectroscopy

Rationale: This course will become redundant with changes made to CHEM 3231.

b) CHANGES TO COURSE NUMBERS, PREREQUISITES AND EXCLUSIONS

- the following changes to course numbering, prerequisites and exclusions:

CHEM ~~2121~~ 3111 (3.00 CR)

ORGANIC CHEMISTRY II

Prereq: CHEM 2111; or permission of the Department

This course further develops the concepts taught in CHEM 2111. New topics include ¹³C NMR, aromatic chemistry, reactions of amines, chemistry of the carbonyl group, carboxylic acid derivatives,

dienes/polyenes, and UV spectroscopy. It emphasizes mechanisms, synthesis, and the biological equivalents of certain organic reactions such as NaBH₄/NADH and phosphate esters. (Format: Lecture 3 Hours, Laboratory 3 Hours) (**Exclusion: former CHEM 2121, Intermediate Organic Chemistry**)

Rationale: Renumbering Organic II to a 3rd year course makes its numbering consistent with the other three chemistry disciplines – physical, inorganic and analytical chemistry.

CHEM ~~3111~~ 3121 (3.00 CR)

INTERMEDIATE ORGANIC CHEMISTRY

Prereq: CHEM ~~2121~~ 3111 or CHEM 2121 (former); or permission of the Department

This course introduces common spectroscopic techniques in the context of structure elucidation.

It introduces Frontier Molecular Orbital Theory, and the application of synthetic reactions to total synthesis. (Format: Lecture 3 Hours, Laboratory 3 Hours) (Exclusion: Any version of CHEM 3111 previously offered with a different title)

Rationale: We are renumbering this course so that Organic Chemistry 2 can use the 3111 number.

CHEM~~4521~~ 3521 (3CR)

ENVIRONMENTAL CHEMISTRY

Prereq: CHEM2111; ~~3 credits from CHEM2411, 3421~~; or permission from the Department

This course investigates chemical aspects of the environment and draws upon physical, inorganic, organic, and analytical chemistry. It explores the natural chemical compositions of and the anthropogenic effects on air, water, and soil. Topics include ozone chemistry, smog, acid rain, global climate, DOM, metals, colloids, pE/pH, soil chemistry and wastes. (Format: Lecture 3 Hours, ~~Tutorials 1.5 Hours~~) (**Exclusion: any version of CHEM4521 previously offered with a different title**).

Rationale: CHEM2411 is a pre-requisite for CHEM3421 so there is no reason to provide an option. In addition, CHEM3421 is not a suitable pre-requisite for CHEM3521. Due to the removal of the 3000-level course prerequisite, this course should now be a 3000-level course. Tutorials are not required for the course.

c) CHANGES TO COURSE DESCRIPTIONS

- the following changes to course descriptions:

CHEM 2211 (3.00 CR)

**~~INTRODUCTORY PHYSICAL CHEMISTRY~~ PHYSICAL CHEMISTRY I:
THERMODYNAMICS AND KINETICS**

Prereq: CHEM 1021; MATH 1121; PHYS 1051 recommended; or permission of the Department

This course introduces the fundamental principles of thermodynamics, including the laws of thermodynamics and their applications to ideal systems, mixtures, and chemical equilibria. ~~It also examines the historical development of quantum theory and the postulates of quantum mechanics and how they apply to simple physical systems, such as particle in a box and harmonic oscillator.~~ It also examines the physical and chemical applications of kinetics, including those related to reaction mechanisms and dynamics. (Format: Lecture 3 Hours, Laboratory 3 Hours, ~~Tutorials~~) (**Exclusion: Any version of CHEM 2211 previously offered with a different title**)

Rationale: The exchange of quantum mechanics and kinetics topics from Introductory Physical Chemistry to Advanced Physical Chemistry (3231) is reflected in the course descriptions for both courses. This change reflects a more standard/common division of topics in physical chemistry at the undergraduate level and will provide access to chemical kinetics, which is of broader relevance to students in both the Chemistry and Biochemistry programs. Tutorials are not required for the course. The change in course title reflects the content of the course and is consistent with the naming of courses used in the Chemistry program.

CHEM 3231 (3.00 CR)

~~ADVANCED PHYSICAL CHEMISTRY~~ PHYSICAL CHEMISTRY II: QUANTUM MECHANICS AND SPECTROSCOPY

Prereq: CHEM 2211; or ~~6 credits from~~ PHYS 3701, ~~PHYS 3821~~; or permission of the Department

~~This course examines physical and chemical applications of kinetics, including those related to reaction mechanisms and dynamics. Specific topics include: experimental methods in kinetics; introduction to quantum mechanics needed to understand chemical kinetics; the potential energy surface (PES) for a chemical reaction and the effects of different features of the PES on the rate of chemical reactions; the effects of zero point energy and quantum tunneling on reaction rates.~~ This course is an introduction to the foundations of quantum mechanics (QM) within the framework of spectroscopy and chemical systems. Starting from the early experimental observations that led to the development of QM, this course will explore its founding postulates and mathematical formalism. Exactly solvable model systems of spectroscopic relevance such as particle in a box, harmonic oscillator, rigid rotor, and the hydrogen atom will be discussed. Molecular orbital theory will also be examined in the context of polyatomic systems and how spectroscopic techniques (e.g., absorption, emission, infrared, and Raman) are utilized to probe complex molecular systems. [Note 1: This course is cross listed with PHYS 3231 and may therefore count as 3 credits in either discipline.] (Format: Lecture 3 Hours, Laboratory 3 Hours; ~~Tutorials~~) (Exclusion: ~~CHEM 3221~~; any version of CHEM 3231 previously offered with a different title)

Rationale: In addition to the rationale provided for CHEM 2211 above, this change is proposed to provide students with applied quantum mechanics in the context of spectroscopy and will be reflected in both the theoretical and laboratory treatments of the topics.

The Exclusion of CHEM 3221 no longer seems necessary as CHEM 3221 has not been offered in several years. PHYS 3821 is quantum mechanics and CHEM 3231 now covers aspects of introductory QM, so there is significant redundancy. Further, PHYS 3821 very likely covers these QM topics with more rigor than CHEM 3231. A background in thermodynamics is beneficial as a pre-requisite course; thus, either CHEM 2211 or PHYS 3701 are suitable pre-requisites. Tutorials are not required for the course. The change in course title reflects the content of the course and is consistent with the naming of courses used in the Chemistry program.

d) CHANGES TO COURSE PREREQUISITES

- the following changes to course prerequisites:

CHEM 3321 (3.00 CR)**Inorganic Chemistry II: Main Group Elements****Prereq:** CHEM 1021; **CHEM 2111; CHEM 2311;** or permission of the Department

This course examines structure and bonding in main group compounds and discusses ionic and covalent bonding with respect to Lewis, valence shell electron pair repulsion, valence bond and molecular orbital theories as well as periodic trends and a survey of the properties and reactions of the elements of groups 1, 2 and 13 - 18. It presents an overview of state-of-the-art spectroscopic techniques and their applications. (Format: Lecture 3 Hours, Laboratory 3 Hours)

Rationale: Added prerequisites provide students with a theoretical background and laboratory skills required for success in this course.

CHEM4211 (3.00 CR)**PHYSICAL CHEMISTRY: STATISTICAL THERMODYNAMICS****Prereq:** CHEM 3231 or PHYS 3701, 3821; or permission of the Department

This course will address the connection between the microscopic and macroscopic world by providing an introduction to the probabilistic nature of physical chemistry. Partition functions will be calculated from the various contributions to the total energy for simplified models of actual systems. Thermodynamic quantities will then be derived in terms of partition functions. Applications relevant to the interests of students will be discussed with an emphasis on recent literature. (Format: Lecture 3 Hours, Major Term Project) (~~Exclusion: CHEM 4201~~)

Rationale: The addition of CHEM 3231 as a prerequisite stream reflects the changes proposed to CHEM 2211 and CHEM 3231 herein. CHEM 4201 is no longer listed in the calendar.

e) CHANGES TO PROGRAM DESCRIPTIONS

- the following changes to program descriptions:

MAJOR in Biochemistry is 75 credits earned as follows:

- 21 from BIOC 1001, 2001, 3001, 3031, 3041, 3521, 4031
- 3 from Biochemistry at the 3/4000 level
- 3 from BIOL 1501
- 9 from BIOL 2101, 2201, 2301, 2401, 2701, 2811, 3111, 3211, 3631, 3711, 4151, 4211, GENS 1401
- ~~12~~ **15** from CHEM 1001, 1021, 2111, 2411, **3111**
- ~~9~~ **6** from CHEM ~~2121~~, 2211, 2311, 3131 (**or BIOC 3131**)
- 6 from MATH 1111, 1121
- 3 from PHYS 1041 or 1051
- 3 from PHYS 1551
- 6 from Biochemistry or Biology or Chemistry or GENS at the 3/4000 level, of which three credits must be from BIOC or CHEM

Rationale: In the present iteration of the Biochemistry Program, CHEM 2121 (the proposed

CHEM 3111) was in line 7 which presented it as an option (9 credits of 12), but really it isn't, as it's a prerequisite for CHEM/BIOC 3131. We moved it to Line 6. CHEM 3131 and BIOC 3131 are cross listed.

MAJOR in Chemistry is 63 credits earned as follows:

- 6 from CHEM 1001, 1021
- 6 from MATH 1111, 1121
- 3 from MATH 2111, 2121, 2221 or CHEM 3201*
- 6 from BIOC 1001, 2001
- 6 from PHYS 1051, 1551**
- 12 from CHEM 2111, 2211, 2311, 2411
- 12 from CHEM ~~2121~~, **3111**, 3231, 3321, 3421
- 3 from CHEM ~~3111~~, **3121**, 3161, ~~3251~~, 3751, 4951, 4953
- 9 from Chemistry at the 3/4000 level, excluding CHEM 3161, 4951, 4953

Note: *CHEM 3201 can be used as either a required course from MATH or as a 3000 level CHEM course, but not both.

The Economics and the Politics and International Relations Departments' Submission to Academic Matters:

The following changes to the Canadian Public Policy Program are recommended for the 2020-2021 academic calendar:

- Changes in program requirements:
 - Major in Canadian Public Policy
 - New Minor in Canadian Public Policy

a) Changes to Program

The Economics and the Politics and International Relations Departments recommend that the following program changes be approved:

CANADIAN PUBLIC POLICY

Interdisciplinary B.A. Program

MAJOR in CANADIAN PUBLIC POLICY is 60 credits earned as follows:

~~18 from COMM 2101, 2131, 2301, COMP 1631, MATH 1111, 2311~~
~~27 from ECON 1001 and 1011, 2301, 2311, 3101, 3111, POLS 1001, 2101, 3101, 3111~~
~~6 from HIST 3431, 3441, 4420, SOCI 3521, ANTH 3851~~
~~9 from courses at the 3/4000 levels in Canadian Studies, Commerce, Economics, French, Geography and Environment, Political Science, Philosophy, Sociology and Anthropology, chosen in consultation with the Program Advisor~~

~~Note: The listing of a course in the Calendar is not a guarantee that the course is offered every year.~~

~~Note: Students must obtain a grade of at least C- in all courses used to fulfill prerequisite requirements. Otherwise, written permission of the appropriate Department Head or Program Co-ordinator must be obtained.~~

Core (36 credits as follows):

6 from POLS 1001, 2101
 3 from POLS 2001, 2211, or 2221
 9 from POLS 3031, 3101, 3111, 3141 or 3211
 6 from ECON 1001, 1011
 12 from ECON 2301, 2311, 3101, 3111, 3201, 3211, 3601 or 3801

Optional Streams (24 credits):

Choose 12 credits from each of two of the following streams with at least 6 CR in each stream at the 3/4000 level:

CANA 2121, 2431, 3111, 3301, 3401, 3421, 3821, 3831 OR 3841, 4111, 4301

COMM	2101, 2121, 2131, 2301, 2311, 3161, 3321, 3501, 3611, 3391
ECON	Any of ECON courses at 2/3000 level not counted in the Core; 3401, 3711, 3721, 3821, 4501
GENV	2101, 3101, 3111, 3201, 3211, 3511, 4111, 4201, 4211
HIST	3401, 3431, 3441, 3461, 3471, 3491, 3811, 4411, 4441, 4461
FREN	2401, 2501, 2601, 3101, 3111, 3131
STAT	ECON 1701, 2701, 3401, 4700, MATH 2311, 2321, 3151, 3311, 3321
POLS	Any of POLS courses at 3000 level not counted in Core, 3151, 3211, 3351, 4121, 4141, 4161, 4201
SOCI	2111, 2121, 2611, 2401, 3511, 3551, 3701, 3711, 3781, 4201

Note 1: Students are responsible for ensuring that they have prerequisites for third and fourth-year courses in the optional streams.

Rationale:

The Canadian Public Policy (CPP) program began in the 1997-1998 academic year.¹ Its roots² are in the 1993-1995 Curriculum Committee that recommended the return of majors and minors programs combined with a distribution credit system. The changes also facilitated the creation of several interdisciplinary programs including Canadian Public Policy.³ As originally designed, the CPP program was to “provide students interested in pursuing a *career* in the Canadian public sector with a coherent program of study” (original emphasis).⁴ The original program was anchored in economics, political science and commerce with complementary courses to be selected from a range of other disciplines.

Unfortunately, the Canadian Public Policy program has been less than successful. Only one student has ever graduated from the program (Mathieu Gauthier in 2000). Since 2012, there has only been one student registered in the program, but they subsequently withdrew from the university (Don Campbell).⁵

Changes to the Canadian Public Policy program are required to ensure it is relevant and interesting for students. The Economics Department itself questioned this issue as detailed in their 2013 Departmental Self-Study (pp. 11, 17-18) and suggested consultation with Mario Levesque, a new hire in Canadian Public Policy at that time.⁶ The 2013 Economics External Review recommended retaining the program, given it did not consume significant resources, but significantly revising it. The Economics Department has since committed itself to exploring how to do so as noted in their 2014 Response to the Report of the External Reviewers.⁷

¹ Senate approval was received in March 1995 followed up with MPHEC approval in 1996. See Mount Allison University, Senate Minutes, “The New Curriculum,” March 01, 1995; and, Mount Allison University, Academic Calendar 1997-1998.

² We thank David Mawhinney, University Archivist, for his help in tracking down the program’s origins.

³ Mount Allison University, Campus Notebook, 15, no. 4 (March 24, 1995): 1. Other interdisciplinary programs included the BSc in Applied Physical Science and the BSc in Environmental Science. See Senate Minutes, “The New Curriculum,” March 01, 1995.

⁴ Mount Allison University, Canadian Public Policy Proposal, 1995.

⁵ Data compiled by Jon Parsons, Manager, Institutional Research & Enrollment Analysis, Mount Allison University, October 28, 2019.

⁶ Mount Allison University, Department of Economics Self-Study Document, February 8, 2013.

⁷ Michael Veall, Victoria Barham and Deborah Wills, Program Review, Department of Economics, Mount Allison

What followed were various one-on-one discussions by Mario Levesque with students to identify what they thought about the program and why or why it was not attractive. Students overwhelmingly responded that the program as it stood was too “numbers focused” rather than on policy processes and dynamics, and desired more focused options. They also noted the lack of a significant profile for CPP in the suite of Mount Allison program offerings.

In the Fall of 2016, Mario Levesque initiated revisions of the CPP program after discussing the situation with Steve Law, the Head of the Economics Department at the time. By February 2017, a proposed set of revisions was agreed to yet further progress was stalled due to various issues including a change in the Headship of the Economics Department (now Craig Brett) and staffing issues. In the Winter of 2019, the CPP program revisions were revisited and relevant departmental consultation was initiated, and approvals received by October 2019.

The CPP revisions are centred on the following:

- focusing the program on the policy process and policy analysis;
- developing a common Core supported by a set of focused streams, thereby providing students focused choices in their options;
- reducing the “numbers focused” orientation of the program in the Core but including three optional streams (Commerce, Economics, Statistics) for those interested in “numbers”;
- Core and elective courses tailored to support the focus on the policy process;
- inclusion of an optional language stream (French) reflecting the bilingual nature of Canada;
- ensuring minimal overlap with existing programs such as International Relations and PPE (the focus on the policy focus and policy analysis achieves this), as well as with existing politics and economics programming.

As for the Core, the focus is on Economics and Politics and, specifically, the policy process and policy analysis. Commerce has been moved to one of the optional streams to facilitate a more focused core and to reduce the “numbers” dynamic. History has also been moved to an optional stream in order to better position it (more course offerings). A similar situation occurs with Sociology. Overall, the proposed changes allow for a more focused Core while maximizing student interest via the optional streams.

As for the optional streams, Anthropology was removed given its cancellation from the curriculum. Philosophy electives have been removed given students have the PPE program for this interest as well. A French option has been kept as an option since Canada is a bilingual country. A history stream has been added given much of what is related to public policy goes back decades and so it is important to understand the historical dynamics. Commerce and Canadian Studies have been kept. The challenging stream to address has been Geography and Environment. It has been kept as an optional stream but care has been taken to minimize overlap in courses with the optional policy stream that is part of the Major in Environmental Studies. The fact that the core of the proposed revised Major in Canadian Public Policy and the existing Major in Environmental Studies is significantly different is reassuring.

We believe the proposed revisions to the CPP program are timely and will be welcomed by students. Negative effects on other programs will also be minimal, if any. For example, a student interested in pure numbers will continue to pursue an Economics (or Math, Statistics, Commerce...) degree. They will not do a public policy degree since the policy dynamic is not their “bend”. Similarly, those interested in broader political life will pursue a Politics degree, those interested in political theory and philosophy will continue to pursue a PPE, Politics or Philosophy degree, while those interested in international politics will pursue their International Relations degree. Lastly, students will also have the option of taking a new MINOR in Canadian Public Policy as proposed below, which preserves their main interest (e.g., Economics).

We are also confident that the need to gain prerequisites in some of the optional fields can be easily communicated to students as part of our standard advising literature.

Lastly, we will work with Mount Allison University recruiters to ensure knowledge of the program.

That the following new Minor be added:

MINOR in Canadian Public Policy is 24 credits earned as follows:

- 6 from POLS 1001, 2101
- 6 from ECON 1001, 1011
- 3 from POLS 3141
- 3 from ECON 2301 OR 2311
- 6 from 3/4000 level courses in one of the streams listed under the MAJOR in CANADIAN PUBLIC POLICY

Rationale:

The new MINOR in Canadian Public Policy bundles a select core set of courses with the ability to select optional courses in one of the streams identified in the MAJOR. We believe it would be a good complement for many disciplines including biology, chemistry, philosophy, history, international relations, economics, and history, among others.

Appendix

Course Names:

MAJOR - CANADIAN PUBLIC POLICY

CORE (36 credits)

18 CR from POLS

6 CR from

- POLS 1001 - FOUNDATIONS OF POLITICS
- POLS 2101 - CANADIAN GOVERNMENT AND POLITICS

3 CR from

- POLS 2001 - DEMOCRATIC THOUGHT
- POLS 2211 - CANADA AND THE WORLD
- POLS 2221 - INTRODUCTION TO COMPARATIVE POLITICS

9 CR from

- POLS 3031 - WOMEN AND POLITICS
- POLS 3101 - POLITICAL LEADERSHIP IN CANADA
- POLS 3111 - CANADIAN FEDERALISM AND INTERGOVERNMENTAL RELATIONS
- POLS 3141 - CANADIAN PUBLIC POLICY
- POLS 3211 - AMERICAN GOVERNMENT & POLITICS

18 CR from ECON

6 CR from

- ECON 1001 - PRINCIPLES OF MICROECONOMICS
- ECON 1011 - PRINCIPLES OF MACROECONOMICS

12CR from

- ECON 2301 - ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY I
- ECON 2311 - ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY II
- ECON 3101 - LAW AND ECONOMICS
- ECON 3111 - HEALTH ECONOMICS
- ECON 3201 - MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MICRO PERSPECTIVES
- ECON 3211 - MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MACRO PERSPECTIVES
- ECON 3601 - PRINCIPLES OF COST-BENEFIT ANALYSIS
- ECON 3801 - ENVIRONMENTAL ECONOMICS

OPTIONAL STREAMS (24 credits)

Canadian Studies

- CANA 2121 - CULTURAL DIVERSITY IN CANADA
- CANA 2431 - COMPARATIVE CANADIAN REGIONALISM
- CANA 3111 - INDIGENOUS CANADA
- CANA 3301 - GENDER IN CANADA
- CANA 3401 - CONTEMPORARY CANADIAN ISSUES
- CANA 3421 - CANADIAN – AMERICAN RELATIONS
- CANA 3821 - THE INDIAN ACT: LAW, POLICY, AND CANADIAN FIRST PEOPLES

- Either of CANA 3831- INDIGENOUS CANADA: HIST PERSPECTIVE or CANA 3841 - BORDERLANDS
- CANA 4111 - ABORIGINAL POLITICAL AND LEGAL ISSUES
- CANA 4301 - GENDER AND SETTLER COLONIALISM FEMINISM AND GENDER STUDIES

Commerce

- COMM 2101 - INTRODUCTORY FINANCIAL ACCOUNTING I
- COMM 2121 - INTRODUCTORY FINANCIAL ACCOUNTING II
- COMM 2131 - MANAGEMENT ACCOUNTING
- COMM 2301 - ORGANIZATIONAL BEHAVIOUR I
- COMM 2311 - ORGANIZATIONAL BEHAVIOUR II
- COMM 3161 - INTRODUCTION TO AUDITING
- COMM 3321 - HUMAN RESOURCE MANAGEMENT
- COMM 3391 - CRITICAL ISSUES IN WORK AND EMPLOYMENT
- COMM 3501 - INTRODUCTION TO FINANCE
- COMM 3611 - COMMERCIAL LAW

Economics (Choose 12 credits not counted in the core)

- ECON 2301 - ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY I
- ECON 2311 - ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY II
- ECON 3101 - LAW AND ECONOMICS
- ECON 3111 - HEALTH ECONOMICS
- ECON 3201 - MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MICRO PERSPECTIVES
- ECON 3211 - MONEY, BANKING AND CANADIAN FINANCIAL SYSTEM: MACRO PERSPECTIVES
- ECON 3401 - SURVEY RESEARCH METHODS
- ECON 3601 - PRINCIPLES OF COST-BENEFIT ANALYSIS
- ECON 3711 - LABOUR MANAGEMENT RELATIONS
- ECON 3721 - LABOUR ECONOMICS
- ECON 3801 - ENVIRONMENTAL ECONOMICS
- ECON 3821 - NATURAL RESOURCE ECONOMICS
- ECON 4501 - PUBLIC FINANCE: TAXATION AND FISCAL FEDERALISM

Geography & Environmental Studies

- GENV 2101 - NATURAL RESOURCES MANAGEMENT
- GENV 3101 - ENVIRONMENT AND DEVELOPMENT
- GENV 3111 - GENDER, RACE, AND ENVIRONMENTAL JUSTICE
- GENV 3201 - CANADIAN ENVIRONMENTAL POLICY
- GENV 3211 - TRANSPORTATION GEOGRAPHY
- GENV 3511 - RURAL AND SMALL TOWN CANADA
- GENV 4111 - INTERNATIONAL ENVIRONMENTAL AFFAIRS
- GENV 4201 - CANADIAN ENVIRONMENTAL PLANNING AND MANAGEMENT
- GENV 4211 - RESOURCE COMMUNITIES AND THE MULTINATIONAL CORPORATION

History

- HIST 3401 - THE ATLANTIC REGION
- HIST 3431 - QUEBEC FROM CONFEDERATION TO THE SOVEREIGNTY MOVEMENT
- HIST 3441 - MODERN CANADA

- HIST 3471 - CANADIAN WOMEN IN HISTORICAL PERSPECTIVE
- HIST 3461 - CANADA AND ASIA
- HIST 3491 - IMMIGRATION IN CANADIAN HISTORY
- HIST 3811 - CANADIAN WORKING-CLASS & LABOUR HISTORY
- HIST 4411 - CANADIAN URBAN HISTORY
- HIST 4441 - MODERN CANADIAN HISTORY
- HIST 4461 - ADVANCED SEMINAR ON MODERN CANADIAN WOMEN'S HISTORY

French

- FREN 2401 - READING AND WRITING FRENCH I
- FREN 2501 - READING AND WRITING FRENCH II
- FREN 2601 - FUNDAMENTALS OF LITERARY ANALYSIS
- FREN 3101 - ADVANCED WRITTEN FRENCH I
- FREN 3111 - ADVANCED WRITTEN FRENCH II
- FREN 3131 - ADVANCED ORAL FRENCH

Political Science

- Either of POLS 3031 or 3101 not counted in the Core
- POLS 3151 - POLITICAL PARTIES AND ELECTIONS IN CANADA
- POLS 3211 - AMERICAN GOVERNMENT
- POLS 3351 - FOREIGN POLICY ANALYSIS
- POLS 4121 - ENVIRONMENTAL CONFLICTS IN CANADA
- POLS 4141 - INTEREST GROUPS AND SOCIAL MOVEMENTS IN CANADA
- POLS 4161 - DISABILITY POLITICS AND POLICY
- INLR 4201 - CANADA, GLOBALIZATION, AND INTERNATIONAL DEVELOPMENT

Sociology

- SOCI 2111 - SOCIAL CLASS AND INEQUALITY
- SOCI 2121 - RACE AND RACIALIZATION
- SOCI 2401 - COLONIALISM, RACISM, AND INDIGENEITY IN CANADA
- SOCI 2611 - SOCIOLOGY OF DISABILITY
- SOCI 3511 - SOCIOLOGY OF HEALTH AND ILLNESS
- SOCI 3701 - SOCIAL POLICY ANALYSIS
- SOCI 3711 - COMPARATIVE SOCIAL POLICY
- SOCI 3781 - PROGRAM EVALUATION
- SOCI 4201 - SOCIOLOGY OF HUMAN SERVICES

Statistics

- ECON 1701 - OBSERVATIONAL DATA ANALYSIS
- ECON 2701 - INTRODUCTION TO ECONOMETRICS
- ECON 3401 - SURVEY RESEARCH METHODS
- ECON 4700 - ECONOMETRICS
- MATH 2311 - STATISTICS I
- MATH 2321 - STATISTICS II
- MATH 3151* - AN INTRODUCTION TO MATHEMATICAL MODELLING
- MATH 3311* - PROBABILITY & STATISTICS I
- MATH 3321 - PROBABILITY & STATISTICS II

MINOR - CANADIAN PUBLIC POLICY

9 CR from POLS

- POLS 1001 - FOUNDATIONS OF POLITICS**
- POLS 2101 - CANADIAN GOVERNMENT AND POLITICS**
- POLS 3141 - CANADIAN PUBLIC POLICY**

9 CR from ECON

- ECON 1001 - PRINCIPLES OF MICROECONOMICS**
- ECON 1011 - PRINCIPLES OF MACROECONOMICS**
- ECON 2311 or ECON 2311 - ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY I
Or ECONOMIC ISSUES IN CANADIAN PUBLIC POLICY II**

**+ Choose 6CR at the 3/4000 level in one of the streams listed under the MAJOR in
CANADIAN PUBLIC POLICY**